THE ALPINE CLUB REGISTER

1877–1890

BY

A. L. MUMM

FORMERLY HONORARY LIBRARIAN, HONORARY SECRETARY AND VICE-PRESIDENT OF THE ALPINE CLUB

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PREFACE

ALTHOUGH I cannot help thinking that this short Preface could have been written far better by another of Arnold Mumm's many friends, I feel that it is a great privilege to have been given such an opportunity of paying tribute to his memory.

The present volume of the Alpine Club Register is the third of the series and brings us to the end of 1890. With the other two volumes it forms a fitting monument to the memory of Arnold Mumm who, I feel sure, would himself have wished for none other. Moreover, it constitutes a work that will be of inestimable value to the Alpine Club in the future. Whether Mumm intended to carry on the Register is perhaps doubtful, but he had certainly collected most of the material to cover seven further years, and, knowing as I do that the Alpine Club was his chief interest in life, I think that as soon as this volume was published he would probably have made preparations for following it up with a fourth.

Possibly no one has been able to realize the magnitude of his task better than myself. Mumm was in the habit of spending most afternoons at the Alpine Club, where I, too, usually happened to be at that time of day, and I have often watched and marvelled at the industry with which he searched the works in the Club Library for the various facts concerning members, carefully noting results in a pocket-book which he always carried with him. The gathering together of such an enormous amount of accurate detailed information must have involved endless perseverance and inexhaustible patience, but Mumm, who possessed these qualities to a high degree, was eminently fitted for his self-imposed task. His mind seemed, as it were, equipped with an endless array of pigeon-holes, wherein he stored away in meticulous order all the details he collected.

Every one will agree that he has provided the Club with a record of intense interest to its members and I should like to quote one little example to prove the Register's value. The Club possesses a small collection of old ice-axes and alpenstocks which, for some inexplicable reason, do not carry

any labels of identification. Looking through these one day I examined an axe with a list of climbs in the year 1864 cut round its shaft and on which I thought I could also make out a somewhat indistinct monogram that might conceivably represent the initials of Edward Whymper. It occurred to me that Mumm's Alpine Club Register would perhaps help to solve the mystery. I referred to it, and there I found under Whymper's name the identical list of climbs in 1864 which were inscribed on the axe, thus proving beyond doubt that this was the axe Whymper had used that year.

Mumm was himself one of the most travelled members of the Club, as will be seen from this volume in which it happens that his own name is included. He visited nearly all the great mountain regions of the world. He always brought back innumerable photographs, and one of his greatest pleasures was to invite his friends to dine with him and after dinner to regale them with an extraordinarily interesting series of lantern slides. As a human being Arnold Mumm combined great charm of manner with a most lovable disposition. Unassuming, always courteous, interesting in conversation, and seldom saying a bad word of any one, he had gathered round him a large circle of friends who regarded him with real affection. By all who knew him indeed the unexpected news of his death was received with feelings of genuine grief; it leaves a gap which cannot be filled in the lives of his friends.

S. SPENCER.

ABBREVIATIONS, REFERENCES, ETC.

A.C. = Alpine Club, or member of the Alpine Club.

A.J. = Alpine Journal. N.B. References to volumes and pages, i. 24, xxx. 296, and the like, are always references to the Alpine Journal, unless the contrary is expressly stated.

A.P. = Alpenpost.

A. Gentinetta. See Guides.

A. Pollinger. See Guides.

Abraham = Rock Climbing in Skye, by Ashley P. A.

Almer = Christian Almer's Führerbuch: Facsimile reprint.

Annals = The Annals of Mont Blanc, by C. E. Mathews. See vol. i, p. 205.

Ann. = Annuaire, or Annuario.

Ann. Alp. Trid. = Annuario della Soc. Alp. Trid., q.v.

Beraldi = Cent Ans aux Pyrénées, by Henri B.

Boll. = Bollettino.

Bull. = Bulletin.

C. = Committee or Council, or (usually) member of Committee or Council.

C.A.F. = Club Alpin Français.

C.A.I. = Club Alpino Italiano.

C.G. = Climbers' Guide.

C.C.J. = Climbers' Club Journal.

C.R. Ac. Sci. = Comptes Rendus Académie des Sciences, Paris.

Central Alps = Alpine Guide to Central Alps. References, unless otherwise stated, are to 1876 edition.

Christian Almer. See Almer.

d.m. = died a member.

D.A.Z. = Deutsche Alpenzeitung.

D.N.B. = Dictionary of National Biography.

D.Ö.A.V. = Deutscher und österreichischer Alpenverein.

E. followed by reference to volume and page, e.g. E. ii. 46 = Die Erschliessung der Ostalpen.

E. or Eastern Alps = Alpine Guide to the Eastern Alps. See vol. i, p. 23. References, unless otherwise stated, are to the 1874 edition.

Eagle, The, a Magazine published by members of St. John's College, Cambridge.

Écho = Écho des Alpes.

Emil Joris. See Guides.

F. = Fellow.

F.G.S. = Fellow of Geological Society.

F.L.S. = Fellow of Linnaean Society.

F.R.S. = Fellow of Royal Society.

F.S.A. = Fellow of Society of Antiquaries.

F.Z.S. = Fellow of the Zoological Society.

Franz Anthamatten. See Guides.
Fr. Biener. See Guides.
F.R.C.C. (J.) = Fell and Rock Climbers' Club (Journal).
Fr. Ogi. See Guides.
Freshfield = The Exploration of the Caucasus, by D. W. F., 2 vols.
G.J. = Geographical Journal.
Girdlestone = The High Alps without Guides, by Arthur Gilbert G.
Guides. Reference to Guides' names indicate that information has been obtained either from the Führerbuch of the Guide mentioned, or from MS. extracts from the same.
H.O. = Holy Orders.
Haskett-Smith = Climbing in the British Isles, by W. P. H.-S., A.C.
J. = Journal or Jahrbuch. Jb. = Jahrbuch.
Johann Jaun. See Guides.
Jones = Rock Climbing in the English Lake District, by O.G.J.; 2nd edition, 1900.
Kurz = Climbers' Guide to the Chain of Mont Blanc, by Louis K.
L. = Librarian.
Levasseur = Les Alpes et les Grandes Ascensions, by E. L.
M.A.V. = Mitteilungen D.Ö.A.V.
M. and W. = Men and Women of the Time.
M.E.B. = Modern English Biographies, by F. C. Boase.
Marsh = Two Seasons in Switzerland, by H. E. M., 1895.
Mitt. = Mitteilungen.
Mummery = My Climbs in the Alps and the Caucasus, by A. F. M.
Murray = Handbook to Switzerland, &c., by J. M. See vol. i, p. 238.
N.A.P. = Neue Alpenpost.
N.T.F. = Norske Turistförening.
Ö.A.C. = Oesterreichischer Alpenclub.
Ö.A.Z. = Oesterreichische Alpenzeitung.
Ö.T.C. = Oesterreichischer Touristen-Club.
Ö.T.Z. = Oesterreichische Touristenzeitung.
O.V.B. = Old Visitor's Book.
Outram = Heart of Canadian Rockies, by J. O., 1905.
P. or Pr. = President.
P. Knubel. See Guides.
P. J. Truffer. See Guides.
Pioneers = Pioneers of the Alps, by C. D. Cunningham, A.C., and Sir W. Abney, A.C.; references are to the larger edition.
Proc. = Proceedings.
Q. = Qualification.
R.G.S. = Royal Geographical Society.
R.M. = Rivista Mensile, of C.A.I.
R.S. = Royal Society.
res. = resigned.
Rev. Alp. = Revue Alpine, organ of Lyons section of C.A.F.

Rev. Alp. Dauph. = Revue des Alpes Dauphinoises.
S. = Secretary.
S.A.C. (J.) = Schweizer Alpenclub (Jahrbuch).
Schw. Alp. Ztg. = Schweizer Alpenzeitung.
Schuster = Peaks and Pleasant Pastures, by C. S., 1911.
Slingsby = Norway, the Northern Playground: Sketches of Climbing and Mountain Exploration between 1872 and 1903, by W. C. S.
S.M.C. = Scottish Mountaineering Club.
Soc. Alp. Trid. = Società degli Alpinisti Tridentini.
S.T.D. = Société des Touristes du Dauphiné.
Studer = Ueber Eis und Schnee, 3 vols., by Gottlieb S., edition of 1896–9.
Ulrich Almer. See Guides.
Ulrich Lauener. See Guides.
V.B. = Visitors' Book.
V.P. = Vice-President.
Vaccarone = List of First Ascents, by L. V.
W. or Western Alps = Alpine Guide to the Western Alps. See vol. i, p. 20. References, unless otherwise stated, are to the 1873 edition.
Whymper = Scrambles amongst the Alps, by E. W. See vol. i, p. 377.
Yeld = Scrambles in Eastern Graians, by G. Y., 1900.
Y.R.C. = Yorkshire Ramblers' Club.
Z.A.V. = Zeitschrift des D.Ö.A.V.

Captain Sir William de Wiveleslie Abney, K.C.B.

(Dec. 1887, d.m. 1920)

Born 24 July 1843, Derby. Son of Rev. Edward Henry Abney of Measham Hall and The Firs, Co. Derby, Prebendary of Lichfield, and Katherine, d. of Jedediah Strutt of Bridgehill, Belper, sister of G. H. Strutt (vol. i).

Married 1st, 1864, Agnes Matilda, d. of Edward William Smith of Tickton Hall, Yorks.; 2nd, 1889, Mary Louisa, sister of C. W. Mead (q.v.).

Educated Rossall School, and privately and R.M. Academy, Woolwich.

Lieutenant in the Royal Engineers, 1861; Captain, 1873. Served as Instructor in Chemistry to the Royal Engineers, Chatham. Retired, 1881.

One of the scientific observers of the transit of Venus, 1874.

Inspector, 1876–9, Assistant Director, 1884, and Director for Science, 1893–8, in the Science and Art Department, South Kensington; Principal Assistant Secretary, Secondary Branch, Board of Education, South Kensington, 1899–1903; Adviser to the Board of Education (Science Department), 1903–20; Member of the Advisory Council for Education to the War Office, 1903.

An authority on many scientific subjects, but his reputation rests mainly on his work as a pioneer in photography. He took up photography at a very early age, in the days of wet plates, and was almost certainly the first to suggest and to employ photography in military surveying, since he used it to provide himself with substitutes for the topographical sketches which he had to make in the course of his training as an engineer. Photographic work was finally revolutionized by the perfecting of gelatino-bromide or 'dry' plates, and in the experimental period which preceded the result he was one of the most prominent and one of the earliest workers. He published in 1870 the first practical treatise on the subject ('Instruction in Photography'), which became at once, and long remained, the indispensable text-book of every photographer (7th ed. 1886, 11th ed. 1904, and many

later ones). In 'A Treatise on Photography' (1875, 10th ed. 1901) he gave a more general account of the science, and in 1882 delivered the Cantor Lectures for that year at the Royal Society of Arts on 'Recent Advances in Photography'. Later he devoted his attention to colour, contributing valuable papers to the Photographic Society on the three-colour process, and delivering three series of lectures (1885, 1889, 1891) at the Royal Society of Arts on the progress of colour photography, the last of which was published with additions under the title 'Colour Measurement and Mixture' (1891).

On several occasions he gave expert evidence regarding the colour tests for navigating officers, in 1892 lectured at the Royal Society of Arts on 'Colour-blindness', and in 1894 gave the Tyndall Lectures at the Royal Institution, on 'Colour Vision' (published 1895).

C.B., 1888; K.C.B., 1900.

F.R.S., 1876; C., 1883–5 and 1891–3; Bakerian Lecturer, 1880 and 1886; Rumford Medallist, for his researches in photography and spectrum analysis, 1883. President of the Royal Astronomical Society, 1893–5. President of the Physical Society, 1895–7. President of the Photographic Society six times between 1892 and 1904. Chairman of the Royal Society of Arts, 1904. Vice-President of the Royal Institution, 1905–6. F.I.C. Fellow of the Chemical Society, 1871; C., 1882–4. Hon. D.C.L. Durham, 1899; D.Sc. Victoria, 1889; Sc.D. Dublin, 1902.

Author of 'Instruction in Photography' (1870); 'A Treatise on Photography' (1875); 'Thebes and its Five Greater Temples' (1876); 'Colour Measurement and Mixture' (1891); 'Colour Vision' (1895); 'Evening Talks at the Camera Club on the Action of Light and Photography' (1897); 'The Trichromatic Theory of Colour' (1914), and many papers in the Philosophical Transactions and Proceedings of the Royal Society and the Philosophical Magazine (see also below). Article on 'Photography' in 9th ed. of 'Encyclopaedia Britannica'; on 'Scientific Photography' in 10th ed.; 'History and Technique' in 11th ed.

Died 3 Dec. 1920. (The Times; M. and W.; Journal of Roy. Soc. of Arts, &c.)

Q. Scientific: Researches, chiefly on Solar Radiation at high altitudes, published in the Royal Society's Transactions and

British Association Reports. Artistic : Photographs of the Alps ; Portraits of the Guides in ' Pioneers of the Alps ', published by him jointly with C. D. Cunningham (q.v.) 1887 (reviewed by F. F. Tuckett, xiii. 424). Two specimens of these were shown at the Winter Exhibition 1886 (xiii. 176).

Subsequently he exhibited frequently at the Photographic Exhibition. See notices in A.J. of exhibitions of Dec. 1890, 92, 93, 94, May 1896, 1900, 01, 03.

He read a paper before the Club on ' Photography in Winter and Summer in the Alps ' (xvi. 370–6).

Author of article on ' Alpine Photography ' in ' The Barnet Book of Photography ' (1898).

William Allison

(April 1886, d.m. 1907)

Born Aug. 1857, son of William Grant Allison, of Louth, Lincolnshire, solicitor.

Married 1889, Louisa Marian Quintain, d. of Major Wynyard Battye of the Bengal Staff Corps.

Educated King Edward VI Grammar School, Louth.

Solicitor (1897) ; practised at Louth, in partnership with his father. On his father's death, in 1906, became a partner in the firm of W. and T. F. Allison, wine and spirit merchants ; also succeeded his father as a Director of the Louth Gas Company, of which he became chairman in June 1907. Was a Commissioner of Sewers ; represented the Somercotes district on the Lindsey County Council from 1895, and was the representative of the County Council on the governing body of the Louth National School.

Was at one time Captain of the Louth Town football team. Treasurer from its formation till 1906, and a Vice-President of the Louth and District Shire Horse Society.

Died 5 Dec. 1907. (Louth and Lincolnshire News, 9 Dec.)

Q. Alps, 1884, 85.

1885. *Eiger*, 3/vii (Schw. Alpenztg. iii. 162; Ö.A.Z. 1885, p. 199).

1886. *Mittelhorn* and *Rosenhorn*, *Lauteraarhorn* by Schreckhorn arête, 31/viii (U. Almer).

1887. *Finsteraarhorn* viâ *Finsteraar-* and *Agassizjoch* ; *Nesthorn* ; *Beichgrat* ; *Petersgrat*, all with F. W. Saunders (U. Almer).

John Stafford Anderson

(Dec. 1881)

Born 15 Aug. 1851. His father was Scotch, his mother English.
Married 1892 Milly, sister of G. P. Baker (q.v.).
Educated Tettenhall College.
Merchant and hosiery manufacturer, Leicester.

Q. Alpine.

1880. Made the 1st passage of the *Jungtaljoch* or *Brändijoch*, and explored the *Gässijoch* (x. 96, xvi. 44, xvii. 61 ; S.A.C.J. xvi. 505).

1881. New descent of the *Croda da Lago* (*Creppa di Fermin*), traversing the ridge from E. to W., with an attempt on the N. summit, 4/viii (E. iii. 483–4) ; 1st ascent of the NW. (Central) peak of *Monte Cristallo*, 6/viii (E. iii. 450) ; attempt on the *Sasso di Mur*, 8/viii (E. iii. 436) ; *Cimone della Pala*, 11/viii (E. iii. 407) ; 1st ascent of the *Gran Cront*, the highest peak of Dirupi di Larsee (his *Cima di Larsee*), 13/viii (E. iii. 386 ; Z.A.V. 1899, p. 347). See x. 361–2 ; S.A.C.J. xvii. 479.

1882. 1st passage of the *Gässijoch*, with F. M. Govett, and 1st ascent of the *Ausser Barrhorn*, 5/viii (xi. 118 and see above, 1880) ; new route up the *Riffelhorn*, 6/viii (xi. 118, 158–9) ; with G. P. Baker, *Rothorn* traversed, 9/viii ; *Dent Blanche*, new route by the E. arête and NW. face, 11/viii (xi. 119). He read a paper before the Club on the last-named expedition, xi. 158–72 ; and wrote a note on the death of Mr. Gabbett on the Dent Blanche, which occurred the day after his ascent, xi. 98.

1883. With G. P. Baker, *Wetterhorn* ; *Schreckhorn*, 1st ascent by the NW. arête, 7/viii (xi. 364). He read a paper before the Club on this expedition (xi. 437).

1884. New route to the *N. Eigerjoch* from the Bergli hut, ascending the *Eiger* from there by G. E. Foster's 1876 route, 6/viii ; *Finsteraarjoch* and *Agassizjoch* ; 1st ascent of the *Breithorn* by the E. ridge, 16/viii (xii. 121, 123 ; he read a paper before the Club, ' New Tracks on the Eiger and the Breithorn ', xii. 240).

1885. *Matterhorn* ; *Unter Gabelhorn* ; *Riffelhorn* ; *Mischabeljoch* (U. Almer).

1886. *Klein Schreckhorn* ; 2nd ascent of the *Ochsenhorn* or *Klein Viescherhorn* by the N. ridge, 17/viii (xiii. 122, 268).

1888. Made a partly new route up *Mont Blanc* from the Col du Géant, 29/viii (xiv. 151 ; Annals, p. 207).

Charles Joseph Arkle

(Dec. 1886, d.m. 1899)

Born 1861. Son of Benjamin Arkle of Liverpool, banker, brother of R. N. Arkle.

Educated Liverpool College, University College, and University College Hospital, London ; Berlin, Vienna, and Paris. M.R.C.S., 1884 ; M.B. (honours in Medicine and Forensic Medicine) and Atkinson Morley Surgical Scholar, 1885 ; M.D., 1887 ; M.R.C.P., 1888 ; F.R.C.P., 1898.

Served as Resident Medical Officer, House Surgeon, House Physician and Obstetric Assistant at University College Hospital, 1885–6 ; and as Assistant Demonstrator of Anatomy at University College, and Clerical Clerk to the Royal Ophthalmic Hospital. He was then for a time Medical Registrar and Pathologist at the Hospital for Children, Great Ormond Street.

In 1892 he was appointed Pathologist and Teacher of Bacteriology at Charing Cross Hospital, and in 1895 became Assistant Physician. At the time of his death he also held the posts of Joint Lecturer on the practical Principles of Medicine, Physician to the Electrical Department and Curator of the Museum, and since 1897 had been Assistant Physician and Vice-Dean of the Medical School at the Brompton Hospital for Consumption.

He made his mark when a student as a Rugby Union football player, and later captained a strong team of the United Hospitals Football Club.

Author of Papers in the Transactions of the Clinical and Pathological Societies, the Lancet, and the British Medical Journal.

Died unmarried, 22 Feb. 1899. (The Times ; In Memoriam, by Lord Sterndale, xix. 474.)

Q. Alps. 1883, 84, 86 (includes a guideless ascent of the *Rimpfischhorn* from the Adler pass with R. N. Arkle).

1888. See E. Carr.

1889. With R. N. Arkle, *Grande Aiguille* (with F. Morshead also), 16/viii ; 35th ascent of the Meije, 19/viii (Rev. Alpine, 1897, p. 143) ; attempt on *Barre des Écrins*, reaching *Col des Avalanches*, 22/viii (S.T.D. Ann. pp. 64, 68, 71).

1890. *Aiguille du Chardonnet*, 2nd ascent by the SE. face, with R. N. Arkle ; this route had been taken for the first time on the previous day (xv. 365 ; Rev. Alp. vii. 99).

Richard Naylor Arkle

(Feb. 1887, C. 1902–5, d.m. 1913)

Born 1855. Brother of C. J. Arkle (q.v.).

Married 1903 Mary Louisa, d. of George Edward Slade, London.

Educated University College, Oxford ; 1st Class in Classical Moderations, 1875 ; 1st Class in Literae Humaniores, 1877.

Barrister (Lincoln's Inn), 1878 ; practised on the Northern Circuit and in Liverpool till 1891 ; later in London.

Died 26 Dec. 1913. (See xxviii. 252.)

Q. Alps 1883, 84, 86. See C. J. Arkle.

1889, 1890. See C. J. Arkle.

Rev. Francis Christian Bainbridge-Bell

(Dec. 1889, d.m. 1928)

Born 27 Nov. 1863. Son of Rev. Canon Charles Dent Bell, Rector of Cheltenham.

Married 1893 Marion Audrey Rochfort, d. of Sir Juland Danvers, K.C.S.I.

Educated Cheltenham and Pembroke College, Cambridge ; B.A., 1885.

H.O., 1887. Curate of Rotherham, 1887–9 ; of St. Giles-in-the-Fields, London, 1889–91 ; of St. Philip, Kensington, 1891–3 ; Curate-in-Charge of St. Luke, Battersea, 1893–5 ; Vicar of St. John the Evangelist, Lambeth, 1895–1902 ; of Holy Trinity, Eltham, Kent, 1902–07 ; of St. Lawrence, Catford, S.E., 1907–20 ; of St. Luke's, Kew, 1920.

Died 21 January 1928.

Q. Alps 1884, 88, 89.

Member of S.A.C., Geneva Section, 1909.

A skilful photographer and frequent contributor to the Club Exhibitions. See notices of those of 1907, 08, 10, 11, 12.

George Percival Baker

(April 1882, C. 1894–97)

Born 16 Feb. 1856. Son of George Baker of Constantinople.

Married 1884 Mary Emily, d. of Robert Davis, J.P., of Earlsfield, Wandsworth Common. Brother-in-law of J. S. Anderson (q.v.).

Educated private schools ; the first at a Franciscan monastery.

Chairman of G. P. and J. Baker, Ltd., Oriental carpet importers and art fabric printers, Crayford. In 1916 he read a paper before the Royal Society of Arts on ' East Indian Hand-painted Calicoes of the 17th and 18th Centuries and their Influence on the Tinctorial Arts of Europe ', printed in the Journal of the Society, lxiv. 482.

In 1919 (?) made an extensive tour throughout India with his son, a professional chemist, taking with him a collection of coloured plates, forming part of the work mentioned below, for the purpose of showing them to the authorities in India, and to the textile printers, in the hope of tracing the past history of the textile print industry, of which India was the cradle. Many museums, schools of art, and centres of industry were visited, but the results were disappointing. In 1921 he published a sumptuously illustrated work, ' Calico Painting and Printing in the East Indies in the 17th and 18th Centuries '. Since then he has given numerous lectures on the historical, technical, and mechanical side of textile printing to technical and art students and teachers.

F.R.G.S., 1878. A keen botanist.

Q. Alps 1881 ; Ararat ; Mysian Olympus.

Member of N.T.F. ; S.M.C.

1878. Ascended *Mount Ararat*, 7/ix (10th ascent, Z.A.V. 1895, p. 315). He wrote a paper on the expedition, ix. 318.

1881. See G. Yeld. Baker also made the 2nd ascent (by a new route from the S.) of the W. peak of *Roccia Viva*, 10/viii (x. 357).

1882, 1883. See J. S. Anderson.

1884. Norway. Made, with Mrs. Baker, a pass across the *Justedalsbræ* from Justedal to Olden, with a new descent by the *Aabrekkebræ*. He wrote full notes on this expedition (xii. 268, and N.T.F.A. 1884, p. 103). See xx. 269–70 ; N.T.F.A. 1890, p. 38 ; S.M.C.J. vi. 12.

1890. Daghestan, Eastern Caucasus ; with G. Yeld, Tiflis to

Evlak (Jewlak) by rail, 9/viii ; drove to Nucha, 10/viii ; crossed the main chain by the Salawak pass, 13/viii ; reached Kurush, by a route not previously followed by travellers, 17/viii ; ascent of *Shalbruz*, 18/viii ; ascended *Kishin Dagh*, a northern spur of Basardjusi, and crossed the main chain to the E. of Basardjusi (of which an almost complete circuit was made), 20/vii ; made (from the S.) the 1st ascent of the highest peak of *Basardjusi* (14,620 ft.), 22/viii ; and descended direct to Kutkashin, 22–4/viii, returning thence viâ Nucha to Tiflis. (Itinerary and Notes by Baker, xv. 320 ; Paper by Yeld, xvi. 1, 83.)

1892. Made the 1st ascent of the *Eagle's Nest Ridge* (Great Gable) with G. A. Solly, W. C. Slingsby, and W. A. Brigg, after ascending the *Napes Needle* with the same, C. Pilkington, Horace Walker, and R. W. Brant, 15/iv (Haskett-Smith, p. 41 ; Jones, p. 147) ; and the 1st ascent of the *Arrowhead* with Slingsby, Walker, Brant, and Brigg, 17/iv (Haskett-Smith, p. 2 ; Jones, p. 157).

1897. Canadian Rockies. 1st ascent of *Mount Gordon* with J. N. Collie, H. B. Dixon, C. Fay, and C. S. Thompson, 10/viii (xviii. 548, xix. 106–12) ; 1st ascent of two rock peaks near Bow Pass, 20/viii ; and *Mount Sarbach*, 25/viii ; partial ascent of *Mount Freshfield*, 30/viii ; 1st passage of the *Amiskwi* pass (*Baker* pass), 6/ix, all with Collie (xviii. 548, xix. 441–9).

This was the first mountaineering expedition in the Waputehk Range.

1898. Skye. With J. Maclay and G. A. Solly made a new route to the Pinnacle Ridge of *Sgurr nan Gillean* from Coire Riabhach (S.M.C. Guide, ix. 330), and a new route from *Tearlach* to the foot of Loch Coruisk (S.M.C.J. v. 164).

1900. Norway. See W. C. Slingsby.

1903. Ascended the *Mysian Olympus*, 9/vi. (Paper, xxii. 124.)

1908. Norway.

In 1925 paid the 1st of a series of visits to Crete, principally with a view to plant-hunting in the mountains. Returned with H. C. Baker in 1926. Practically made the ascent of *Mount Ida* (8,061 ft.), on mules, from a camp at 4,000 ft. In 1927 returned a 3rd time in early spring, devoting his attention to the White Mountains at the western end of the island ; sleeping in monasteries and villages just below the snows. Finished the tour with a visit to the Thessalian *Olympus*. Rich collections of plants were obtained in both places.

Took the principal part in getting up the Equipment Exhibition of Dec. 1899, and wrote an account of the Exhibits (xx. 36 and 136 ; see p. 44 note). Also was the principal organizer of the Picture Exhibition of Dec. 1915 (xxx. 72).

A skilful photographer. Exhibited in various years views in Daghestan (1890, see xv. 394, xvi. 10, 83, 98), Canadian Rockies (xix. 44), Norway (xx. 469).

Reviewed W. D. Wilcox's ' Rockies of Canada ' (xx. 417–18).

Francis Maitland Balfour

(Dec. 1881, d.m. 1882)

Born 10 Nov. 1851. Son of James Maitland Balfour of Whittinghame and Lady Blanche Mary Harriet Gascoigne Cecil, d. of 2nd Marquess of Salisbury ; brother of G. W. Balfour (q.v.).

Educated Harrow and Trinity College, Cambridge. Natural Science Scholar, 1871 ; 2nd in the 1st Class in the Natural Science Tripos, 1873.

At the suggestion of Sir Michael Foster, with whom he co-operated in the production of ' The Elements of Embryology ' (1874), he began his original scientific work while still an undergraduate, devoting himself to embryology. Investigated some obscure points in the development of the chick, with results which were published in the Quarterly Journal of Microscopical Science, July 1873. Subsequently he was for a time Editor of this journal, jointly with Sir E. Ray Lankester.

Immediately after taking his degree he went to the recently established Stagione Zoologica at Naples, and his work during the next few years, carried on partly there and partly in England, secured him a European reputation among biologists. He was elected a Fellow of Trinity College, 1874, and appointed (1876) Lecturer on Animal Morphology at Cambridge. The results of his Neapolitan labours appeared in their final form in 1878 under the title of ' A Monograph on the Development of Elasmobranch Fishes '. He was elected F.R.S. in the same year and became a Member of Council of the Society in 1881. He next set to work on a ' Treatise on Comparative Morphology ', which appeared in two volumes in 1880–1. For this he was awarded the Royal Society's Medal (1881). He received attractive offers from Oxford and Edinburgh, but was unwilling to leave his own University,

and in May 1882 a Chair of Animal Morphology was established 'to terminate with the tenure of office of the Professor first elected' unless the University decided otherwise, to which he was elected on 31 May. He was Examiner in the Natural Science Tripos, 1879–81, and President of the Cambridge Philosophical Society, 1881. Honorary LL.D. Glasgow University, 1881. Read several papers before the British Association, 1874–81; was a V.P. of the Biological Section, 1880 and 81, and became General Secretary of the Association, 1881.

Died unmarried 19 July 1882 (see below). (D.N.B., &c. In Memoriam by W. Leaf, xi. 101, and see p. 374.)

Q. Alpine.

1880. With G. W. Balfour, *Matterhorn*; *Weisshorn*; several passes (xxxii. 103).

1881. With G. W. Balfour, *Aiguille du Midi* and down *Col du Midi* to Chamonix; *Mont Blanc* traversed by the Aiguilles Grises; 1st ascent of lower summit of *Aiguille de Grépon* (*Pic Balfour*), 19/vii (joint note by them x. 397); *Eiger* up and down in 9 hours (rope not used till just under the top: 'ächt englisch, aber nicht nachahmenswerth'), *c.* 22/vii; *Schreckhorn*, 24/vii (N.A.P. xiv. 40).

1882. Killed on the *Aiguille Blanche de Peuteret*, 19/vii (xi. 82, 90–3, 100).

The suggested passage of the Alphubeljoch in 1866 (xxxii. 223–4) is very unlikely; he was well under 15 years of age at the time.

Right Hon. Gerald William Balfour

(31 Jan. 1882, resigned 1883)

Born 9 April 1853. Brother of F. M. Balfour (q.v.).

Married 1887 Lady Elizabeth Edith Bulwer Lytton, d. of 1st Earl of Lytton.

Educated Eton and Trinity College, Cambridge; 5th Classic and highly distinguished in the Examination for the Chancellor's Medals, 1875. Fellow of Trinity College, 1877. Honorary M.A., 1907. Played tennis in the Doubles for Cambridge *v.* Oxford, 1875.

M.P. (Conservative) for Leeds (Central Division), 1885–1906;

was a member of the Commission on Labour and Private Secretary to his brother Arthur James Balfour, then President of the Local Government Board, 1885–6. Chief Secretary for Ireland, 1895–1900. Privy Councillor: Ireland, 1895; Great Britain, 1900. President of the Board of Trade, 1900–5; President of the Local Government Board, 1905–6.

Chairman of Cambridge Committee of Commission on Oxford and Cambridge Universities.

Q. Alpine.
Hon. Member of the Y.R.C.
1880, 1881. See F. M. Balfour.

Richard Francis Ball

(Dec. 1887, resigned 1898)

Born 1855. Son of Edward Ash Ball.
Married 1895 Amy Ellen Marian, d. of Rev. William Oliver.
Educated Queenwood College, Hants; Owen's College, Manchester; and University College, London. B.A. London University, 1876.
Solicitor (1878), London.
Died 23 Aug. 1917.

Q. Alps 1883, 84, 85, 87.
1886. Norway: spent 'A week in Jotunheim', on which he wrote a paper (N.T.F.A. 1887, p. 68); attempt on *Skagastølstind*, 21/viii; ascended *Skarstind* (making a complete traverse of the ridge and 1st ascent of the E. summit), and *Galdhøppigen*, 24/viii.
1888. *Südlenz Spitze*, new route by the SW. arête, 28/vii (xiv. 153). Had an accident in descending the *Dent du Midi*, in which his brother lost his life, 11/viii (xiv. 138; M.A.V. 1888, p. 271).
1889. Skye: *Sgurr nan Gillean* and *Am Bhasteir* traversed, and ascent of the *Bhasteir Tooth* (xv. 71; see p. 156).

Sir George Stapylton Barnes, K.C.B.

(Dec. 1882, C. 1886–9)

Born 3 Feb. 1858, Umballa. Son of George Carnac Barnes, C.B., Foreign Secretary to the Government of India (M.E.B.), and

Margaret Diana, d. of Major Henry Richard Chetwynd-Stapylton; 1st cousin of G. and H. G. Chetwynd-Stapylton (q.v.). (She was one of the heroines of the Mutiny, d. 1 July 1927, aged 98. See The Times Obituary 4 July.)

Married 1887 Sybil de Gournay, d. of Charles Buxton, M.P.

Educated Eton and University College, Oxford. 3rd Class in Classical Mods., 1878; 2nd Class in Jurisprudence, 1880.

Barrister (Inner Temple), 1883; assisted Lord Russell of Killowen in his work at the Bar, 1883–93; Counsel to the Board of Trade in Bankruptcy Matters, 1886–93; Official Receiver in Companies' Liquidation, 1893–6; Senior Official Receiver, 1896–1904; Comptroller of the Companies' Department of the Board of Trade, 1904–11; C.B., 1909; Comptroller-General of the Labour Department, 1911–13; Second Secretary to the Board of Trade, 1913; Joint Permanent Secretary, 1915; K.C.B., 1915.

Member of Committee on Amendment of the Company Laws, 1906; of Committee for remodelling the Statutory Form of Railway Accounts and Statistics, 1909; of Royal Commission on Sugar Supplies during the War, 1914; of Treasury Committee on New Issues of Capital during the War, 1915.

Member of the Council of the Viceroy of India, 1916–21; K.C.S.I., 1920.

Joint author with the Right Hon. Sydney Buxton of 'A Handbook to the Death Duties' (1890).

Q. Alpine.

1882. Took part in the expedition to recover the bodies of W. E. Gabbett's party who were killed on the Dent Blanche; 'a work of difficulty and danger', 13/viii. (See xi. 97–8.)

1884. 2nd ascent, by a new route from the Col de Tracuit, of the *Bieshorn*, 18/viii (xii. 255; for the 1st ascent, made 6/viii, see ibid. p. 122).

1887. Made with W. C. Slingsby and a lady, the 1st ascent of a minor summit (*c.* 11,950 ft.) near point 3,690 m. (the S. summit) of the *Dents des Bouquetins*, 30/viii. This was the 1st ascent of any peak in the Southern group (xiii. 411, 532; xx. 113). He read a paper before the Club on this expedition (xiii. 529).

Wrote, in part, the In Memoriam notice of A. Macnamara (q.v.) (xv. 283).

Howard Barrett

(Dec. 1879, C. 1907–9, d.m. 1921)

Born 1842, Leeds. Son of Rev. Alfred Barrett and Elizabeth, d. of John Howard of Bedford. Uncle of Mrs. A. F. Brown. Cousin of J. P. Farrar (q.v.).

Married 1868 Margaret Elizabeth, d. of Thomas Edgelow, of Teignmouth, N. Devon.

Educated Woodhouse Grove School, Bath; Leeds Grammar School; and St. George's Hospital. London Univ. Matric. and Prelim. Sci., 1863. M.R.C.S., 1865.

Surgeon of Poplar Hospital, 1866. Founder (1893) and Honorary Medical Superintendent of St. Luke's House (Home for the Dying). Chief Medical Officer of the Star Assurance Society. Vice-President of the Medical Society of London.

Author of 'Management of Infancy and Childhood in Health and Disease' (1874), 'Management of Children' (1906); articles in St. George's Hospital Reports, Journal of British Gynæcological Society.

F.R.G.S., 1865. Early in 1912 visited Italy, Greece, Constantinople, Palestine, and Egypt.

Died 9 June 1921. (In Memoriam, with portrait, by J. P. Farrar, xxxiv. 143.)

Q. Alps 1875–79.

1882. Letter on W. Penhall's accident on the Wetterhorn (xi. 94–7). He accompanied the search party.

1884. Note on a Circular Rainbow seen on Snowdon in January (xi. 482–3).

1885. *Mont Blanc de Seilon*, 24/viii (Arolla C.G. 39); with H. S. King, a new route up *Mt. Collon*, 25/viii (ibid. p. 79; Pennine C.G. p. 35), and an ascent of the *Petites Dents de Veisivi*, 29/viii (Arolla C.G. 36).

1890. *Rosetta*; *Pala di S. Martino*; *Cimone della Pala*; *Cima di Vezzana*; *Cima de Ball*; *Campanile di Pradidali* (Ann. Alp. Trid. xvi; Guides' Records).

1891. *Aiguille du Dru*, 8/viii (Ö.A.Z. xiv. 236); *Torre di Brenta*; *Presanella*; *Passo d'Amola*; *Cimone della Pala*; *Campanile di Val di Roda*; *Sass Maor* (Ann. Alp. Trid.).

1894. *L'Évêque*, 18/viii, by a new route from the SW., and

other climbs at Arolla with R. A. Robertson (xvii. 256; Arolla C.G. 87; see S.M.C.J. iii. 238).

1899. See E. A. Broome.

Barrett climbed with Joh. Tännler in 1876, 79–83, 89.

A fairly complete list of his principal climbs from 1878 to 1895 inclusive and for 1898 to 1900 is given xxxiv. 143–4.

He was a skilled Alpine photographer. See xix. 46, xxi. 195.

Sir Thomas Barret Lennard

(Dec. 1883, resigned 1904)

Born 25 Oct. 1853. Eldest son of Sir Thomas Barret Lennard, Bart., and Emma, d. of Rev. Sir John Page Wood, Bart. (D.N.B.). Succeeded his father as 3rd baronet, 1919.

Married 1884 Mary, d. of Rev. Canon William Price, Vicar of Llanarth, Monmouth.

Educated Harrow.

Barrister (Middle Temple), 1879; practised till *c.* 1885. Author of legal works on 'The Married Women's Property Act' and 'The Position in Law of Women' (1883).

Succeeded in 1919 to the estates of Belhus, Essex, and Horsford, Norfolk, but long before this he had made his home at Horsford and took an active part in county life and interests, especially agriculture. J.P. for Essex and Norfolk; D.L., Essex; Member of the Norfolk County Council; Chairman of Norfolk Quarter Sessions.

Died 19 Sept. 1923. (Who's Who; The Times.)

Q. Alps 1877, 1880–3.

Richard Manliffe Barrington

(April 1886, d.m. 1915)

Son of Edward Barrington of Fassaroe, Bray, Co. Wicklow.

Married 1898 Lena Louisa Richarda, d. of George Gyles of Kilmurray House, Co. Kilkenny.

Educated Trinity College, Dublin; B.A., 1870; LL.B., 1874.

Barrister. Purchase Inspector under the Land Commission. M.R.I.A. An ornithologist. Author of Migrations of Birds as observed at Irish Light-houses, including the original Reports,

1887–97, now published for the first time, and an Analysis of the previously published Reports, 1881–7, with an Appendix giving the Measurement of about 1,600 wings (1900).

Q. Alps 1876, 82; Hekla, 1881; St. Kilda, 1883; Rocky Mts. and Selkirks, 1884.

Original Member of the Climbers' Club.

1876. Began mountaineering with the ascent of the *Eiger*, the 1st ascent of which had been made by his brother Charles in 1858. He communicated his brother's account of the expedition to A.J. xi. 172.

1882. Schwarzegg Hütte, 25/vii; *Schreckhorn* and back to Grindelwald, 26/vii; Gleckstein Hut, 27/vii; *Lauteraarjoch* to Grimsel, 28/vii; *Oberaarjoch* to Rothloch, 29/vii; *Finsteraarhorn* and down to Concordia Hut, 30/vii; to Eggischhorn and back to Concordia, 31/vii; *Jungfrau* and back to Eggischhorn, 1/viii; Visp to Zermatt, 31/viii; *Matterhorn*, 5/viii (xi. 181).

1883. Ascended the *Stack-na-Biorrach*, St. Kilda (1st ascent by one not born on the island, S.M.C.J. vi. 148). He wrote a paper in 1913 on the expedition (xxvii. 195), and a letter on the height of the Stack (xxix. 361).

1884. Canada: Went with a British Association party to rail-head (then at Hector Pass) on the Canadian Pacific Railway, proceeded on foot with pack-horses, crossed the Selkirk Range by Roger's Pass and the Gold Range to Shuswap Lake (*c.* 170 miles, in 17 days), then by steamer and rail to the Pacific Coast (W. S. Green, 'Among the Selkirk Glaciers', pp. 1–3).

1889. *Triftjoch*; *Moming* pass; *Weisshorn*; and *Dent Blanche*, all with H. C. Hart (Ch. Almer, p. 250).

1896. Made two attempts, with W. S. Green (q.v.), to land on the island of Rockall in June. Wrote a joint note on the ornithology of the island, Trans. Roy. Irish Acad. xxxi. (1897).

John Baumann

(Dec. 1877, d.m. 1890 or 91)

Born 25 July 1848, London. Son of Alfred Baumann of Holland Park, London, manufacturer, and Priscilla Isaac.

A member of the London Stock Exchange.

Went to S. Africa and lost his life, under circumstances which

were never fully cleared up, during an expedition to Mashonaland, late in 1890 or early in 1891 (xv. 457).

Q. Alpine.

1878. *Wetterhorn*, new route by the W. face and NW. arête, with G. E. Foster and G. F. Vernon, 10/viii (ix. 112; 'Pioneers', p. 128); variation on the ascent of the *Jungfrau* from the Wengern Alp, with Vernon and G. Fitzgerald, 18/viii (ix. 112).

1879. 1st ascent of the *Aiguille de Talèfre*, with F. J. Cullinan and G. FitzGerald, 25/viii (ix. 364, x. 25); 2nd ascent of the *Aiguille de Dru*, with Cullinan, 29/viii (ix. 381, x. 31); 2nd ascent (three days after the 1st) of the *Matterhorn* by the Zmutt arête, 5/ix (note by him, ix. 366); with Cullinan, 2nd ascent of the *Dent d'Hérens* by the W. ridge, 8/ix. (There had been an earlier *descent* by this route. See ix. 382, x. 358 note, xiii. 173 note.)

1880. Made an attempt on the *Aiguille du Plan* from the NW., 18/viii (he read a paper before the Club on this expedition, 'An Adventure on the Aiguille du Plan', x. 443, cf. xvi. 423, 426, 445); and with W. E. Davidson, F. C. Hartley, and H. S. Hoare (after a 2nd attempt, 2/ix) the 2nd ascent of the peak, by J. Eccles's route, 4/ix (x. 452).

1881. With J. O. Maund, attempt on the *Mittellegi* arête of the Eiger, 31/vii; and (after an unsuccessful attempt, 28/vii) the 1st ascent of the *Lauteraarhorn* from the W., 4/viii (xi. 27). With Maund made a winter expedition to the *Axenalphorn*; they were caught by an avalanche, 24/xii. An attempt in the Galenstock a few days earlier was prevented by weather (N.A.P. xv. 7).

Rev. Matthew Albert Bayfield

(Feb. 1877, d.m. 1922)

Born 17 June 1852, Edgbaston. Son of A. Bayfield, chartered accountant, Birmingham.

Married 1886 Helen Campbell, d. of John Boyes.

Educated King Edward's School, Birmingham, and Clare College, Cambridge (scholar); 15th Classic, 1875.

Assistant Master at Blackheath Proprietary School, 1875–9. H.O., 1877; Curate of St. Margaret, Lee, Kent, 1877–9. Assistant Master at Marlborough College, 1879–81; at Malvern College, 1881–90. Head Master of Christ's College, Brecon, 1890–5; Head Master of Eastbourne College, 1895–1900. Inspector to the Inter-

mediate Education Board, Ireland, 1901–03. Rector of Hertingfordbury, Herts., 1904–22.

In later years a chance inquiry led him to investigate the theory of English prosody, and in 1919 he published ' The Measures of the Poets ', in which he boldly discarded the accepted system and sought to substitute for the traditional iambic basis a trochaic system, by which he claimed that every variety of English verse could be naturally explained. He followed this up in 1920 with a work on ' Shakespeare's Versification ', in which he ' maintained that the abbreviations and apparent elisions in the text were merely devices of the early printers and were not intended to affect the scansion of the lines '. He wrote numerous letters on this subject to The Times Literary Supplement. He was also an enthusiastic supporter of the Society for Psychical Research, contributed many articles to its Proceedings, and served for many years on the Council. He considered that science had demonstrated not only the fact of the survival of human personality, but also the possibility of communication between the dead and the living, and he vigorously defended psychical research before the Church Congress, in the pulpit, and elsewhere. Joint author with Mr. J. D. Duff of a Memoir of Dr. Arthur W. Verrall.

Edited the ' Iliad ' (jointly with W. Leaf) and several Greek Plays for use in schools.

Died 2 Aug. 1922. (Who's Who ; The Times ; In Memoriam, by G. E. Wherry, with portrait, xxxv. 96.)

Q. Alpine.

1876. *Weisshorn, Rothorn, Dent Blanche,* with A. and W. Fairbanks, 14–19/viii (A. Pollinger).

Charles Scott Bayley

(Feb. 1889, d.m. 1920)

Born 18 July 1848, Mottram, in Longdendale, Cheshire. Son of Charles Cheetham Bayley of Mottram.

Educated Shanklin, Isle of Wight, and Caius College, Cambridge ; B.A., 1881.

F.R.G.S. A traveller.

Died 6 May 1920, at Kingstown, Co. Dublin.

Q. Alps 1883–6, 88.

Jean Bazillac

(Feb. 1885)

Born 1856, Mirande.
Banker at Mirande till 1889.

Q. Alps 1883. Pyrenees 1873, 76, 78–82, 1884.
Member of the C.A.F. Section Sud-Ouest, 1877.
1873. *Néouville* ; *Bergon* ; *Pic du Midi de Bigorre.*
1876. *Pic d'Enfer* ; *Brassato.*
1878. Winter expedition to Observatory of *Pic du Midi de Bigorre*, 9/ii (Sud-Ouest Bull. No. 3 (July 1878), p. 28). In the summer met H. Brulle (q.v.) and joined forces with him.
1879, 80, 81, 82, 83, 85. See H. Brulle.
1886. Izard hunting at Gavarnie (Sud-Ouest Bull. No. 20, p. 8).
1887. Winter attempt on *Balaïtous* with Brulle, 13/i. 1st ascent of *Pic entre les Brèches* (i.e. between true and false Brèche de Roland) ; 1st ascent of the ' mur de la Cascade de Gavarnie ' (see Russell, ' Souvenirs ', p. 181) with Count Roger de Monts. This climb was completed in two bits on two separate days.
1888. Winter ascents, with de Monts, of *Pic des Hermittans* (guideless), and *Crabioules.*
Summer, *Fuelsa* ; *Pic entre les Brèches*, 2nd ascent (see 1887) with de Monts ; with Brulle and de Monts, *Astazou* from the N., 2nd ascent by F. E. L. Swan's (q.v.) 1887 route ; the *Marboré* direct from the cirque (Bazillac and de Monts bivouacked at the spot where their climb of 1887 ended, 16/vii ; Brulle joined them from below at 7.30 a.m. and they completed the ascent of the Marboré, ' tout droit ', 17/vii) ; *Casque du Marboré* from N. ; *Pic Rouge de Pailla.* See Brulle.
1889. See Brulle. These were his last climbs, as he was obliged to leave his home at Mirande. Letters from him to Brulle, written Dec. 1889 and 1900, are quoted in Beraldi, v. 140 and vii. 113.

Rev. Francis Morton Beaumont

(March 1877, d.m. 1915)

Born 23 Aug. 1838, Winchelsea. Son of John Beaumont, surgeon.
Educated Merchant Taylors' School and St. John's College,

Oxford ; 2nd Class in Classical Mods., 1858 ; 3rd Class in Literae Humaniores, 1860. Fellow of St. John's College, 1859–69.

Treasurer of the Oxford Union Society, 1859 ; President, 1860.

Assistant Master at Rossall School, 1862–5. H.O. 1864 ; Curate of Holy Trinity, Hoxton, London, N., 1865–8.

Rector of East Farndon, Northants, 1868–72 ; Vicar of Holy Trinity, Coventry, 1872–1912. Rural Dean of Coventry, 1887–1902 ; Honorary Canon of Worcester, 1892. Chaplain of the 2nd Volunteer Battalion of the Royal Warwickshire Regt., 1880.

On leaving Coventry he made a tour of the world, which lasted nearly two years.

Died 19 May 1915. (Who's Who, &c. ; In Memoriam by H. Martin, xxix. 344.)

Q. Alpine.

Member of the N.T.F.

1865. *Petersgrat* ; *Oberaarjoch* (Johann Tännler).

1877. Present at an entertainment given by Cadore Section of C.A.I. Made the 3rd ascent of *Piz Popena*, 22/viii (E. iii. 453 ; C.A.I. Boll. xii. 207) ; represented the A.C. at Congress of C.A.I. at Auronzo, 26/viii (C.A.I. Boll. xiii. 101 ; C.A.F. Bull. 320).

1889. Norway : 1st ascent from Eikidalsvand of *Gjuratind*, 29/vii (xv. 152).

1891. Norway : made a passage across the *Justedalsbræ* from Mundal to Stardal, with a new descent by the *Fondalsbræ* (Slingsby, p. 275), 23/vii ; and a new ascent from Hope of *Gjenalund* (xvi. 59).

1894. *Matterhorn*, 28/viii (Hut Book).

1895. *Col de Collon*, *Col de Val Cornère*, *Château des Dames* and *Théodule*, all with H. Martin.

1898. Canada. Visited Glacier House (Wheeler's 'Selkirk Range', p. 314).

Macdonald Beaumont

(Feb. 1883)

Born 1857–8. Son of James Beaumont, solicitor.

Married 1883 Emily, d. of Francisco Manuel Antonini.

Solicitor (1879), London.

Q. Alpine.

James Beddard

(Feb. 1877, resigned Feb. 1889)

Born 1840. Son of William Beddard of Edgbaston, Birmingham.

Married 1865 Alice Cresswell, d. of W. Haden of Dudley.

Educated Guy's Hospital; M.R.C.S., 1861; M.B. of London University (Scholar and Medallist in Surgery and 1st Class Honours in Medicine), 1863; F.R.C.S., 1864.

Went in 1864 from Birmingham to Nottingham, where he practised successfully for the rest of his life as a surgeon. Surgeon to the Nottingham General Hospital and Consulting Surgeon to the Children's Hospital from *c.* 1874.

Took an active interest in medical charities and church work. Was President of the Literary and Philosophical Society of Nottingham.

Died 21 June 1889. (Brit. Med. Journal; Nottingham Daily Guardian.)

Q. Alpine.

Rev. Raymond Francis Bevan

(April 1890, resigned 1924)

Born 20 June 1868, London. Son of Francis Augustus Bevan and Constance, d. of Sir James Weir Hogg (D.N.B.).

Married 1893 Margaret Alda, d. of Rev. Horace Meyer, vicar of Christ Church, Clifton.

Educated Eton and Trinity College, Cambridge; B.A., 1890.

Rowed stroke in the Kingston R.C. boat at Henley, 1888, and in the 3rd Trinity boat (which won the Visitors' Cup), 1889.

H.O., 1892. Curate of All Saints', Belvedere, Kent, 1892–4; of St. George's, Bloomsbury, 1895–7. Perpetual Curate of Whittlebury, Northants, 1897–1903. Vicar of Bottisham, Cambridge, 1903–7. Vicar of St. Laurence, Thanet, 1907–21.

Q. Alps 1884–7, 89.

Algernon Sidney Bicknell

(March 1881, d.m. 1911)

Born 1832, Herne Hill. Son of Elhanan Bicknell (see D.N.B. and Lucinda, sister of Hablot Knight Browne ('Phiz', see D.N.B.).

Married 1857 Rosa Louisa, d. of William Wild, of Denmark Hill, Surrey.

Educated Bonn University and Sandhurst (passed out with distinction in foreign languages). While at Bonn had some exciting experiences during a holiday walking tour with a German student in the Revolutionary year, 1848, amongst them a narrow escape from a charge of a body of German cavalry.

Was one of the first occupants of the Camp at Aldershot, 1855.

Left the service soon after the death (1861) of his father, and devoted himself partly to continuing a life of adventurous travel, partly to archaeology and scientific pursuits, particularly astronomy, establishing a well-equipped observatory for that purpose. Contributed frequently to current literature on subjects of antiquarian and scientific interest. As a botanist was specially interested in fungi ; published a pamphlet on their Alimentary Value, and showed an extensive series of them at Royal Horticultural Society, *c.* 1887.

He made 10 ascents of Mt Vesuvius, 6 during eruptions, and nearly lost his life on one of these occasions, when alone on the mountain in 1858, completing a perilous descent at 2 a.m. Visited Naples in 1860 shortly after Garibaldi's triumphal entry, and saw some of the fighting on the Volturno and Victor Emmanuel's entry into the city ; then travelled through Sicily, making a winter ascent of *Mt Etna*. Published his diary of this tour under the title of ' In the Track of the Garibaldians, through Italy and Sicily ' (1861).

Was an eye-witness of many battles in the Franco-German War, and one of the first Englishmen to make an ascent in a balloon, accompanying Henry Coxwell, the famous aeronaut, on one of his early journeys.

He is said to have crossed the Andes four times, made an expedition ' towards Mt. Everest ', and an attempt (1894) to cross S. America through the forests of the Amazon ; and to have travelled in every country except the Transvaal, Australia, and New Zealand. He kept detailed records of all his journeys, but published none except that of 1860.

During the last 12 or 15 years of his life resided at Barcombe, Sussex ; was a manager of the Barcombe School.

One of the last surviving friends of J. W. M. Turner, who found in Elhanan Bicknell one of his earliest admirers.

F.R.A.S.; F.L.S., 1877; F.R.G.S., 1866; Member of the Woolhope Club. On the Court of the Vintners' Company.

Died 26 Oct. 1911. (The Times; Proc. Linn. Soc. 124th session, p. 42.)

Q. Alps; Etna in winter, Vesuvius (6 ascents during eruptions); Lebanon; ascents in Atlas Mts, Rocky Mts, and other parts of the world. A botanist.

Wrote the article in D.N.B. on his brother Herman, well known for his journey to Mecca in disguise. Herman was also a mountaineer, went up the Matterhorn in 1872, and was a member of the S.A.C., Pilatus Section.

Life Member of C.A.I., Varallo Section.

1872. *Mont Blanc*, 17/viii (V. Payot) (?).

1873. *Matterhorn*; *Weisstor*; *Strahlhorn* and *Adler* pass; *Col de Valpelline.*

Rev. Reginald Francis Bigg-Wither

(Feb. 1878, resigned 1897)

Born 9 Jan. 1842. Son of R. Lovelace Bigg-Wither, and Emma Jemima, d. of Rev. John Orde, Rector of Wensley.

Married 1887 Mabel Frederica, d. of Sir Arthur Townley Watson, Bart., K.C.

Educated Winchester (scholar) and Pembroke College, Oxford; B.A., 1863.

H.O., 1871. Curate of West Cheam, Surrey, 1871–4; of Reigate, Surrey, 1875–8. Assistant Master at Cheam School, near Reigate, 1875–8.

Rector of Worting, Hants, and Warden of the Winchester Diocesan Penitentiary, 1878–98; Rural Dean of Basingstoke, 1890–3; Rector of Wonston, Micheldever, 1898–1911.

Author of 'Materials for a History of the Wither Family' (1907).

Q. Alpine.

Malachi Locke Blake

(Dec. 1882)

Born 1848. Son of William Blake, of Bridge, Somerset.

Educated University College School.

Farms his own property at Bridge, South Petherton.

J.P. and County Alderman for Somerset. Lieutenant-Colonel Commanding 2nd Vol. Batt. Somerset Light Infantry, 1895; Hon. Colonel, 1907; V.D.

Q. Alps 1868, 69, 70, 74, 75, 78, 80, 82. Pyrenees, 1875.

1884. *Schreckhorn*; *Finsteraarjoch*; *Oberaarjoch*; *Beichgrat*; *Petersgrat* (U. Almer).

John Ernest Bode

(Dec. 1890)

Born May 1848. Son of Rev. John Ernest Bode (see D.N.B.) and Hester Charlotte Lodge, of Guildford.

Educated Uppingham and New College, Oxford; 1st Class in Classical Mods., 1869; 3rd Class in Literae Humaniores, 1872.

Assistant Master at Charterhouse, 1872–1908.

Q. Alps 1874, 75, 77–80, 87–90.

1874. E. peak of the *Grosse Windgälle*, with F. Morshead, J. Noon, J. Sowerby, and H. Preston Thomas, 21/viii (vii. 266).

1879. *Matterhorn*, 25/viii.

1889. See J. A. Luttman Johnson.

Henri Emmanuel Boileau de Castelnau

(Feb. 1878, resigned 1883)

Born towards the end of 1857; a member of one of the oldest families in Languedoc Cevenot.

Educated in Paris.

In 1877 went to Nîmes and lived there for a few years, but he seems to have settled down early to a quiet life at home, given up to managing and farming the family estates.

Died 23 March 1923. (In Memoriam, La Montagne, 1923, pp. 226–32.)

Q. Alpine.

Member of the C.A.F., Paris Section (Jan. 1875); Original Member of Direction of Section du Midi, 1879; Member of S.T.D. (1876–86 or 7); S.A.C.

1875. Driven back by a storm from Mont Blanc (his 1st Alpine expedition); on his return met H. Duhamel (q.v.), with whom he

made his 1st attempt on the *Meije* and the 1st ascent of the *Tête des Corridors*, 21/viii ; the 5th ascent of the *Pic Central* of the Meije, 23/viii (C.A.F. Ann. ii. 310–34) ; and the 8th passage of the *Brèche de la Meije*, 25/viii (C.A.F. Ann. 1878, p. 29).

Made the 7th ascent of the *Barre des Écrins*, 27/viii (S.T.D. Ann. 1875, p. 80 ; C.A.F. Ann. 1882, p. 66) ; crossed the *Col de la Muande*, 30/viii ; and *Col du Sellar*, 31/viii (S.T.D. Ann. i. 77) ; finished the season with some chamois-hunting.

1876. *Col de la Muande*, 24/viii ; *Col du Sellar*, 25/viii ; *Col de la Temple*, 26/viii (S.T.D. Ann., 1876, pp. 56–8 ; 148–60). 1st ascent of the *Tête des Fétoules*, 29/viii ; 1st ascent and traverse of the *Aiguille d'Olan* and 1st passage of the *Col des Aiguilles*, 2/ix ; 1st ascent of the *Tête de l'Étret*, 4/ix ; *Col de la Grande Ruine* (La Berarde to La Grave) and 1st ascent of S. *Pic des Cavales*, 10/ix (S.T.D., p. 63) ; *Col de la Lauze* (to S. Christophe), 11/ix (S.T.D., p. 67) ; 1st ascent and 1st traveller's passage (alone, in the course of a chamois-hunting expedition) of the *Tête de Graou* and *Col du Plat*, 18/ix (viii. 842–3 ; C.A.F. Bull. 1876, p. 239 ; paper ' Courses nouvelles autour de St. Christophe ', S.T.D. Ann. 1876, p. 123) ; ascent from S. Christophe to pt. on arête to the W. of Col de la Mariande, 19/ix (S.T.D. Ann., p. 55 ; see Dauphiné C.G., p. 130).

1877. 1st ascent of *Crête de la Vera Pervoz* (La Montagne, 1908, p. 290) ; 2nd passage of the *Col de Clot-Chatel*, 14/vii (S.T.D. Ann. 1877, p. 70 ; cf. p. 110) ; attempt on the *Pic des Écrins* by the SW. face and the 1st ascent of the *Dôme de Neige des Écrins* or *Pic de la Bérarde*, 21/vii (x. 222) ; the 1st ascent and traverse of the *Tête du Rouget*, 23/vii ; *Brèche du Râteau*, 24/vii (S.T.D. Ann. 1877, pp. 81–2) ; 1st passage of *Col des Bans*, 27/vii ; ascent of all four summits of *Mont Pelvoux* (1st ascents of the *Petit Pelvoux* and the *Troix Dents*), 31/vii ; 1st traveller's passage of the *Col de la Coste Rouge* (ix. 94), 1/viii ; 1st passage of the *Col de la Selle* (his *Col de la Gandolière*), 3/viii ; attempt on the *Meije*, 4/viii ; present at C.A.F. Congress at Grenoble, 12, 13/viii (C.A.F. Bull., 1877, p. 231) ; 1st ascent of the *Meije*, 15, 16/viii, reaching La Bérarde after a bad night out, 17/viii (viii. 328 ; S.T.D. Ann. 1877, p. 92). He wrote a short account of these expeditions, C.A.F. Bull. 1877, p. 301, and described the last three in a paper, ' Ascension de la Meije ' (C.A.F. Ann. 1877, p. 283). Crossed the *Col de la Temple*, 18/viii and met at Vallouise the inaugurators of the Refuge Cézanne (S.T.D. Ann.

1877, pp. 75, 62); *Col du Sélé* with H. Duhamel, 20/viii (ibid. p. 72). Towards the end of the year went to Tarascon for a year's military service.

Was one of the original Secretaries of the Section du Midi (founded 1879), but did not remain on the Direction after the first year.

1879. Mentioned among the most active climbers of the year (C.A.F. Bull. 1879, p. 132), but none of his expeditions are recorded.

Henry William Thomas Bowyear

(Dec. 1880)

Born 9 June 1852. Son of Rev. Thomas Kyrwood Bowyear, Rector of Harbledown, and Caroline Margaret, d. of Admiral Shirreff.

Educated privately and at Highstead School, Torquay: Caius College, Cambridge; 2nd Class in the Law and History Tripos, 1874.

Barrister (Lincoln's Inn), 1879. Legal Clerk to the Charity Commission, 1884; Principal Clerk, 1894–1900. Assistant Charity Commissioner, 1900–8; Secretary to the Charity Commission for England and Wales, 1908–16; Chief Charity Commissioner, 1916–19. C.B., 1917.

Q. Alpine.

1874. *Monte Rosa*, 14/ix (Aloys Pollinger; xxx. 313–14).

1880. *Eiger*, 25/viii; *Wetterhorn* and *Mittelhorn*, 28/viii (Ulrich Lauener, p. 193; xxxi. 356–7).

1890. 3rd ascent, by partly new routes up and down, of the N. summit of the *Strahlegghörner*, 11/vii; 1st ascents of the three S. summits (one of which is the highest point), 18/vii (xv. 308–9; Bernese C.G. ii. 68–9). With T. H. Philpott made the 2nd traverse of the *Gross Viescherhorn* and *Ochsenhorn* in a single day, going from the Bergli Hut to Grindelwald (the previous traverse had been made from the Bergli to the Concordia Hut). In the course of this expedition they made the 1st ascent of the *Walcherhorn* and the 1st complete passage of the NW. arête of the *Gross Viescherhorn*, 16/vii (xv. 309–10; Letter from him, xxxi. 356; Bernese C.G. ii. 2, 7, 9, 12–13; Studer, i. 267, 277, 279).

1897. *Semilihorn*. *Rötihorn*.

1907. *Strahlegg*.

Charles Churchill Branch

(Feb. 1887, resigned 1914)

Born 8 May 1866. Son of Charles Branch, London, and Mary Edmonstone, d. of Lt.-Col. John Craigie of the Bengal Army.

Married 1910 Mary Bernadette, d. of Ralph Nicholson Rawstron of Weymouth.

Educated Eton and New College, Oxford ; 3rd Class in Jurisprudence, 1888.

Barrister (Inner Temple), 1891, Northern Circuit.

F.R.G.S. Has shot big game in British East Africa.

Member of Council of Boy Scouts' Association. War work : Commissioner in charge of Imperial Head-quarters of the Boy Scouts' Association ; in control of Coast Guard and other public services rendered by the Boy Scouts during the War. O.B.E. 1920.

Q. Alps 1882–6.

1886. With A. Lorria alone, 1st ascent of the *Adlerhorn*, a shoulder on the SW. arête of the Strahlhorn, 26/vii (xiii. 173 ; E. Pennine C.G. p. 81).

1888. *Piz Morteratsch*, 1st ascent by the S. arête (reached from the Boval Hut), 27/viii (xiv. 159 ; this route has never been repeated in its entirety, Bernina C.G. ii. 104 ; 'Alpina', 1917, p. 145).

1891. With E. J. Garwood, *Pizzo Torrone Occidentale*, 1st ascent by the NW. arête, 30/viii (xxv. 12, 21 ; 'Alpina', 1917, p. 145 ; Bernina C.G. i. 138).

1892. With Garwood, 1st ascent of *Piz Roseg* by the E. arête, 15/viii (xvi. 271, xxv. 4 ; only twice repeated, 'Alpina', 1917, p. 145).

Rev. Horatio George Broke

(Dec. 1889, C. 1912–14)

Born 27 November 1861, London. Son of Horace Broke and Charlotte, d. of Brampton Gurdon, M.P., of Letton, Norfolk.

Married 1893 Mary Campbell, d. of Henry Smith Adlington of Holmehale Hall, Norfolk.

Educated Eton and University College, Oxford ; 3rd Class in Classical Mods., 1881 ; B.A., 1883.

Entered the Diplomatic Service, 1884 ; appointed Attaché at

Constantinople, 1885; transferred to Brussels, 1886; and promoted to be 3rd Secretary of Legation. Left Brussels, 1888; resigned, 1889.

H.O., 1890. Curate of E. Dereham, Norfolk, 1890–3; of Great Marlow, 1893–5. Vicar of Holme, Peterborough, 1895–1908; Rector of Melton, 1908–14.

F.R.G.S., 1889.

Q. Alps 1886–9.

Member of New Zealand A.C., 1893.

1887. 1st recorded ascent of the *Mittelrück*, with W. M. Conway and G. H. Rendall, 25/vii; 1st ascent of the *Rossbodenhorn* and *Laquinhorn* in a single day, making with W. A. B. Coolidge the 1st ascent of the latter peak by the N. arête, 27/vii (xiii. 415–16; Ö.T.Z. 1888, p. 137); 2nd passage of the *Hohberg* pass, 29/vii (xiii. 412, 556; Studer, ii. 250).

1888. Alaska. Left Victoria (Vancouver Island) with H. W. Topham (q.v.), 5/vi, arrived at Sitka, 12/vi (thence ascended *Sha Klohl* or *Spearhead* (*c.* 4,300 ft.) with Topham, and *Verstoria* (*c.* 3,000 ft.) with W. Williams (q.v.), who joined them at Sitka, went on to Yakutat, 3–10/vii; landed at Icy Bay, 13/vii; crossed the *Agassiz* or *Malaspina* glacier to the Chaix hills, 16–18/vii; ascended the Libbey glacier and reconnoitred the SE. face of *Mount St Elias*, 21/vii; then went round to the W. and started up the Tyndall glacier, but Broke was obliged to drop out by the loss of his spectacles, 28/vii; they reached Yakutat again, 8/viii; Broke went on with Williams to Sitka, 22–30/viii. He described the trip in 'With Sack and Stock in Alaska' (1891; reviewed xvi. 125). For other references see Topham and Williams.

1889. *Alphubel*, new route by the WSW. arête (xiv. 501).

1890. *Gabelhorn* by N. face, with C. M. Thompson, 28/vii (xv. 306).

1891. 2nd ascent, by a partly new route, of the *Hüllehorn*, 8/vii, and 1st passage of the *Seng* pass, 10/vii, with D. W. Stable (xv. 550; S.A.C.J. xxviii. 102); 1st recorded passage of the *S. Ferrichlücke* (xvi. 117–18); *Grand Cornier*, by the N. arête (Note by him, xix. 549).

In March 1892 he read a paper before the Club entitled 'A Fortnight round Saas', which has never appeared in the Journal (xvi. 139, cf. p. 118).

1892. 1st passage of the *Cols du Grand Cornier* and *de la Dent Blanche* in a single day from Ferpecle to Zermatt, with A. P. Harper, 9/vii ; 1st recorded ascent of the *Nollenhorn* from the Furggtal, with Harper and F. W. Newmarch, 16/vii. Both expeditions were guideless (xvi. 267).

1893. 1st ascent of the *Vorder Helsen*, 8/vii (xvi. 519, xvii. 50).

1894. 1st ascent of the *Unter Schienhorn* (Lepontines), 18/vi (xvii. 258).

1895. *Laquinjoch*, with Mrs. Broke ; with Mrs. and Miss Broke, *Forcla del Robbia*, 11/vii ; *Ritter* pass, 13/vii ; 1st passage of the *Turbenjoch*, 15/vii (xvii. 582 ; C.A.I. Boll. 1901, p. 213) ; with the same, without guides, 1st ascent of the highest summit of the *Saashörner*, 18/vii (xvii. 583) ; *Wasenhorn* by the SW. arête (Note by him, xvii. 598).

1897. With Mrs. Broke and C. M. Thompson, without guides, 1st ascent of the highest summit of the *Galmihörner*, 12/vii (xviii. 530).

In 1901 he read a paper before the Club, ' With Ladies in the Lepontines ', describing, *inter alia*, an ascent of *Pizzo Columbe* ; and a passage from Piora to Hospental by the *Poncioni Negri* and *Punta Nera*, the *Bocca di Cadlimo*, *Pian Bornengo* pass and *Maigels* pass (all unknown to the A.J. ; see Adula C.G.) ; and the season of 1895 (xx. 449–66).

1900. Letter on an accident on the Königsjoch (18/vii ; see M.A.V.). His criticisms on Tyrolese guides provoked lengthy retorts in M.A.V. 1901, pp. 77 and 118–20.

1902. Investigated the topography of the *Kriegalp* pass and the *Kummenfurke*, on which he wrote a paper, ' Two Unimportant but Perplexing Passes ', xxii. 208. Note on the ' *Schwarzhorn Pass* ' between Piz Cherbadung and the (Lepontine) Schwarzhorn, xxii. 237.

Edited Sections 29 (Formazza District) and 33 (Como District) in the chapter on the Lepontine Alps in the revised edition of Ball's ' Central Alps ' ; and in April 1910 took over from A. V. Valentine Richards (see xxv. 279) the general editorship of Part II of that volume, and brought it out in the autumn of 1911 (xxv. 565, 711).

Edward Alfred Broome

(Dec. 1889, C. 1900–2, V.P. 1912)

Born 31 July 1846. Son of Edward Richard Broome of Llanelly, Carmarthen, and Sarah Elizabeth, d. of Henry Brinton of Kidderminster, sister of W. Brinton (vol. i).

Married 1872 Charlotte Mary, d. of John William Sparrow, of Beckminster, Wolverhampton. Father-in-law of H. K. Corning.

Manufacturer, Worcester.

Lieutenant in the Worcestershire Hussars, 1886–95. J.P. and D.L., Worcestershire. High Sheriff, 1902. On the Local Board of the Ocean Accident and Guarantee Corporation, Ltd. Shareholders' representative on the audit of the Great Western Railway Company.

An ardent musician and a well-known figure at the 'Three Choir' and other festivals. Also a keen rider to hounds and at his death the father of the Worcestershire Hunt.

F.R.G.S., 1895.

Died at Zermatt 29 Aug. 1920. (In Memoriam (with several portraits) by J. P. Farrar, xxxiii. 403–9, and see pp. 460–3.)

Q. Alps, 1886, 88, 89.

Member of S.A.C. Section, Basel, 1906–20.

1890. *Aiguille des Charmoz*; *Petit Dru*; *Dent du Géant* with E. Carr (q.v.), 9/viii; *Aiguille du Tacul* with Carr and F. M. Davies, 12/viii; *Gabelhorn* (xxv. 43, where read 1890 for 1889); *Täschhorn* from Mischabeljoch; *Felikjoch*.

1891. With H. W. Holder, *Piz Roseg*; *Piz Morteratsch*; *Monte della Disgrazia*; ascended *Monte Rosso di Scerscen* and *Piz Bernina* and descended by the *Scharte* and *Pizzo Bianco* in a single day of nineteen hours, 28/viii. This was the first time the three peaks had been ascended in the same day and probably the second time that this descent had been made (xvi. 116; Bernina C.G. ii. 77–8).

1892. *Cols du Géant* and *des Hirondelles*; *Grandes Jorasses*; *Mont Dolent*; *Aiguille des Charmoz*; *Aiguille du Grépon*.

1893. *Mont Blanc* from Sella Hut; *Grivola* traversed; *Grand Paradis*; *Aiguille Verte*; *Petit Dru*; *Aiguille d'Argentière*; *Les Périades*; 1st passage of *Col de l'Éboulement*, 4/viii (xvi. 514, xvii. 65); 9th recorded ascent of the *Aiguille Noire de Peuteret*, 7/vii (xvi. 504; R.M. 1903, p. 252).

1894. Dauphiné: see H. W. Holder.

1895. *Egginer*; *Laquinhorn* traversed; 2nd recorded traverse of the *Südlenzspitze*, *Nadelhorn*, and *Ulrichshorn* in a single day, 19/viii (xviii. 56, 134); *Dom* traversed from Saas Fee to Randa; 1st ascent of the *Weisshorn* from the Schallijoch by the SW. arête, 2/ix (xvii. 581. He read a paper before the Club on this expedition, xviii. 145. See also pp. 289–90).

1896. *Col de Rochefort*, 2nd recorded passage, with P. A. L. Pryor (xix. 411; see below, 1898); *Aiguille du Moine* (with Pryor ?).

1897. *Cinque Torri*, 3/viii; *Croda da Lago*, 5/viii; *Piz Popena* traversed, 7/viii; *Cristallo* with Miss Broome, 10/viii; and, with P. A. L. Pryor, *Kleine* and *Grosse Zinne*, 12/viii; *Sorapis*, 14/viii; *Croda Rossa* (without Pryor), 17/viii; *Cinque Torri* again, 19/viii; *Marmolata*, 20/viii; *Cimone della Pala* traversed, 25/viii; *Sass Maor* and *Cima della Madonna*, 27/viii; *Cusiglio*, 28/viii; *Pala di San Martino*, 30/viii; *Cima di Canali* traversed, 1/ix; *Fünffingerspitze* by the Daumenscharte, 3/ix; *Rosengarten-Spitze*, *Santner* and *Grasleiten* passes, 4/ix; *Grohmannspitze* traversed, 6/ix; *Langkofel*, 7/ix. (Paper, 'A Dolomite Holiday', xix. 13.)

1898. With Pryor, *Col du Mont Dolent*, 3rd recorded passage, 5/viii; *Col des Grandes Jorasses*, 3rd recorded passage, 16/viii (Paper, 'Three Little-used Passes in the Mont Blanc Range', xix. 411); *Mont Blanc* from Dôme Hut; *Dent du Géant*; *Aiguilles Rouges d'Arolla*; *Aiguille de la Za*; *Rimpfischhorn*; *Täschhorn* by Teufelsgrat.

1899. *Croda da Lago*; *Dreischüsterspitze*; *Kleine Zinne* by N. face; *Piz Popena* by S. arête; *Tofana* (viâ Inglese, new SE. descent); *Ortlerspitze* by the Marlgrat; with Miss Silvia Broome (later Mrs. Corning) *Croda da Lago*; *Kleine Zinne*; *Cinque Torri*; *Ortlerspitze* by the Hintergrat. Some of the latter ascents with H. Barrett (q.v.) and R. A. Robertson (q.v.). See xxxiv. 144; S.M.C.J. vi. 35.

1900. *Petit Dru*; *Aiguille des Charmoz*; *Triftjoch*; *Rothorn* traversed.

1901. *Kleine Zinne* traversed; *Antelao* by S. face; *Croda Rossa* by E. face; *Pelmo*.

1902. *Trifthorn*; *Monte Rosa* from Lysjoch; *Ober-Momінghorn* and *Rothorn* traversed in a day from the S. Moming Col to Zermatt, 19/viii, a new combination (xxi. 277; see 1903);

Lyskamm traversed; *Mischabeljoch*; *Rothorn* traversed; *Gabelhorn* traversed.

1903. *Aiguille des Charmoz* traversed; *Dent de Requin*; *Aiguille de Blaitière*, S. and central summits; *Rothorn* from the Triftjoch, traversing the *Trifthorn* and *Pointe de Mountet*; the expedition was new, and part of the ridge was climbed for the 1st time, 22/viii (xxi. 557); *Schallihorn* and *Momingspitze* traversed from the Schallijoch to the S. Moming Col, making the 2nd ascent from the N. of the former and the 3rd ascent of the latter peak, 28/viii (xxi. 581); traverse from the Triftjoch of *Wellenkuppe* and *Gabelhorn* in a day. He read a paper before the Club on 'The Rothhorn Ridge', describing the expeditions of 19/viii/1902 and 22 and 28/viii/1903 (xxii. 255).

1904. 2nd passage, by a new route, of the *Col des Nantillons*, 3/viii (paper, xxiii. 353); traverse, partly new, of the *Nord End* and *Höchstespitze* of Monte Rosa, descending by E. Hulton's route, 30/viii (paper, 'Monte Rosa from North to South', xxii. 572).

1905. *Aiguille des Charmoz* traversed (S. to N.); *Aiguille du Moine* traversed; *Aiguille du Grépon*; *Triftjoch* and *Trifthorn*.

1906. Traverse of the *Delago-*, *Stabeler-* and *Winkler-Türme* with H. K. Corning, 7/viii; new ascent of the *Tscheiner Spitze* by the W. face, 9/viii (xxiii. 333, xxiv. 465); *Rosengartenspitze* by the SE. face with Corning, 11/viii (xxiv. 462); E. summit of the *Latemar* by N. face, 14/viii; *Fünffingerspitze* by the Schmidt Kamin, 17/viii; *Fünffingerspitze* by the Daumenscharte with R. A. Robertson (his 2nd ascent by this route), 18/viii; new ascent of the *Teufelswand Spitze* by W. face with Corning, 21/viii (xxiii. 334, xxiv. 466–7); 6th ascent of S. face of *Marmolata*, 24/viii (xxiii. 340); *Diamantidi Turm* from the N. with Corning, 27/viii; *Tofana di Razes* by SE. face, 31/viii; *Punta Cesdalis* by S. face, 2/ix; *Monte Cristallo* by the S. arête, 4/ix. (Paper, 'Dolomites up to Date', xxiii. 364–79.)

1907. *Tour Ronde*; *Cols de Rochefort* and *du Géant*; *Dent Blanche*; *Monte Rosa* (5 peaks).

1908. With H. K. Corning, *Rosengarten Rotwand*, new ascent by the W. face, 11/viii (xxiv. 353); the 3rd or 4th ascent of the *Laurinswand*, 18/viii; a new ascent by the N. face of the *Christomannos* or *Östliche Diamantidi Turm*, 20/viii (xxiv. 354); repeated his ascent of the S. face of the *Marmolata*; and ascended the *Nord-*, *Haupt-*, and *Ost-Vajolet Türme*. He read a paper before

the Club describing these and some other climbs, 'The Rosengarten Dolomites', xxiv. 459. Also made some later expeditions 'among the best in the Ampezzo and Sexten Dolomites'.

1909. *Breithorn* by N. face; *Gabelhorn* by the entire SE. arête from the Unter-Gabelhorn, 16/viii (paper, xxv. 43–6); *Rimpfischhorn* from Adler pass; *Trifthorn*.

1910. *Becca de Mezzodi* (by Barbaria Kamin); *Sorapis* (by Mullerweg, descent by Grohmannweg); *Grosse Zinne* (by E. face); *Hohe Nuvolau* (2nd ascent by new E. Kamin); *Col Rosa* (by SE. wall); *Faloria* (by W. face); *Croda da Lago* (by Pompanin Kamin); *Wundt-Spitz-Cadini* (by NW. wall and Dibona Kamin).

1911. *Leiterspitz*; *Cols de Valpelline* and *des Bouquetins*; *Col d'Hérens*; *Neu Weisstor*, 29/viii; *Nord End* of *Monte Rosa* traversed from Capanna Marinelli to Zermatt, 2/ix (paper, xxvi. 369; see p. 428), all with H. K. Corning; *Täschhorn* (with Corning ?). See Records of Expeditions.

1912. *Rosetta* (by SW. face); *Cimone della Pala*; *Cima della Madonna* (by Phillimore-Winkler routes); *Pala di S. Martino*; *Campanile* and *Cima di Val di Roda*; *Marmolata* (by S. face, for the 3rd time); *Rotwand*; *Winkler-Stabeler-Delagotürme*.

1913. *Ober-Gabeljoch*; *Allalinhorn*; *Aiguille Noire de Peuteret*; *Col du Géant* (twice); *Cima di Jazzi* and *Neu Weisstor*, all with H. K. Corning. (See Records of Expeditions.)

1915. *Strahlhorn*; *Alphubel* (by the W. face); *Monte Rosa* (by the Grenz glacier). (Paper, 'Zermatt in War-time', xxx. 138–46.)

1919. *Buet*; *Tour Noir*; *Aiguille des Charmoz* (traversed).

Harold Carlyon Gore Browne

(May 1881)

Born 11 June 1844. Son of Right Rev. Edward Harold Browne, Bishop of Ely and Winchester (D.N.B.), and Eliza, d. of Clement Carlyon, M.D. (D.N.B.).

Educated Rugby and Emmanuel College, Cambridge; Senior Optime and 2nd Class in the Classical Tripos, 1868.

Barrister (Lincoln's Inn), 1871; practised on the Western Circuit. Chancellor of the Diocese of Winchester, 1886–1914.

Died unmarried 22 May 1919. (Who's Who.)

Q. Alpine.

1876. With M. Holzmann, 1st passage of the *Bündtner Kehle* from the Maderanertal to Disentis (Tödi C.G. p. 26) ; *Weisstor*.

Henri Brulle

(Feb. 1885)

Born 1854, Libourne.

Married 1887 or 88.

Avocat, Libourne, till 1910 ; 1911, Notaire.

Q. Alps, 1883 ; Pyrenees, 1874, 77–82, 84.

Original member (1876) of the C.A.F. Section Sud-Ouest ; on the Committee of Direction until 1894, when he became an ' Administrateur honoraire '.

1874. *Vignemale* by *Col de Cerbillonas*, descent by route of Prince de la Moskowa (3rd ascent, 1838), 17/viii. This was his first mountain expedition (C.A.F. Ann. 1874, p. 435 ; Beraldi, iii. 175).

1877. *Pic de Ger* or *Jer*, a fine view-point of 950 m. near Lourdes, 16/v (Sud-Ouest Bull. July, 1877, p. 51) ; *Néouville*, 9/viii ; *Pic Long*, 10/viii (Sud-Ouest Bull. July, 1878, pp. 14–21 ; C.A.F. Ann. 1903, p. 235).

1878. First met J. Bazillac and with him climbed the *Balaïtous* (La Montagne, viii. 388–9), *Pic d'Enfer*, and *Mt Perdu*.

1879. *Vignemale*, new route by the Clot de la Hount, 12/viii (C.A.F. Bull. 1879, pp. 119, 179 ; C.A.F. Ann., 1879, p. 313) ; *Pic de Néthou*, 22/viii, both with J. Bazillac.

1880. With Bazillac, *Pic de Ger* in a fog, having intended to go up to Pic de Gabisos, 14/viii ; *Pic du Midi d'Ossau*, 16/viii ; attempt on *Pic Pallas*, 17/viii ; *Pic de Cambales*, 18/viii (paper, ' Des Eaux Bonnes à Cauterets ', C.A.F. Ann. 1880, pp. 578–82) ; *Piméné* ; *Cylindre* ; present at C.A.F. Fête at Luz, 20/viii (cf. C.A.F. Bull. 1881, p. 55 ; Sud-Ouest Bull. No. 8, Jan. 1881, p. 4).

1881. With Bazillac made a tour ' of prodigious rapidity ' (of which they left no record) from *Pic Fourcanade* (about the 5th known ascent ; see La Montagne, ii. 283) to Gavarnie in 14 days, ascending two dozen great peaks, including all the known ones, as well as some others, of over 3,000 metres ; made 1st ascents of pt. 3,130 m., between Portillon and Port d'Oo ; the *Pic* or *Aiguille du Port d'Oo* (C.A.F. Ann. 1882, p. 255) ; the W. peak of

the *Astazou* (Z.A.V. 1911, pp. 145–6); and pt. 3,033 m. of the *Gabiétou*; and the complete traverse of the Cirque de Gavarnie by the crossing the Marboré ridge below Henri Russell's 'Brèche des Druides' (see Russell's 'Souvenirs', p. 180) (Beraldi, v. 118; cf. La Montagne, i).

1882. With Bazillac, Quillan to Vernet by *Cols de Jau* and *du Tour* and val d'Urbanya; night ascent of *Canigou*, 16/viii; *Pic Carlitte*; Andorra and *Col d'Ordino*; *Pic de Coma Pedrosa*; Portarron d'Espot and valley of St. Nicholas; *Sierra de Montarto*; 1st ascent of *Pic de Comolo Forno* from S. (C.A.F. Ann. 1902, p. 200); valley of Salenques, *Col des Bouquetins*; *Pics des Tempêtes, de Néthou, du Milieu*, W. peak of *Maladetta* and *Pic d'Albe*, 27/viii; *Pics de Boum* and *de Maupas*; 1st ascents of *Pic de Belle-Sayette* (or *de la Hourgade*) and of *Pic de Badet* (C.A.F. Ann. 1901, p. 245); *Pic Long*; *Vignemale*, 4/viii (Sud-Ouest Bull. No. 12, Jan. 1883, pp. 6, 454; cf. No. 29, June 1891, p. 24).

1883. With Bazillac (first visit to the Alps), *Grand Som*; *Tête de Fétoules*, 17/vii; *Le Plaret*, 23/vii; the *Meije* (5th ascent and the 1st completed in a single day; see La Montagne, v. 585), 26/vii; *Aiguille du Plat*, 28/vii; *Barre des Écrins* traversed, 24th ascent, 3/viii; *Brèche de la Meije*, 4/viii; S. pinnacle of *N. Aiguille d'Arves*, 28/vii (La Montagne, vi. 339, 423); *Mont Blanc*, 11/viii (papers in Sud-Ouest Bull. No. 15, July 1884, pp. 21–9, and C.A.F. Ann. 1883, pp. 467–74). On this tour for the first time they made serious use of the rope and the ice-axe, and wondered how they had accomplished some of their Pyrenean expeditions without the aid of the latter (Sud-Ouest Bull. above, pp. 22–3).

1884. *Vignemale* traversed, alone in a storm, 18/viii (paper, Sud-Ouest Bull. No. 16, Jan. 1885, pp. 51–8; cf. xx. 250); *Grande Fache*, 23/vii; *Frondella* and *Balaïtous*, 24/vii (La Montagne, viii. 379); *Petite Fache*, Lac de Gaube, 25/viii; *Pic du Clot de la Hount*; *Vignemale*, after an attempt on arête between Les Oulettes and Clot de la Hount (Sud-Ouest Bull. No. 29, p. 24; La Montagne, v. 266); *Pic de Cerbellonas* and *Montferrat*, Gavarnie, 26/vii; *Col de Campbiel*, 28/vii; *Pics de Batoa* and *de Luston*, la Pez Valley, 29/vii; *Ports de la Pez* and *de Peyresourde*, 30/vii; 1st ascent of *Pic du Portillon*, *Pic de Spijeoles*, 31/vii; *Pic Intermédiaire*, *Pic Quairats*, Luchon, 2/viii; *Cols de Peyresoude, d'Azet*, and *de Campbiel*, Gavarnie, 4/viii; *Casque du Marboré*, *Mont Perdu*,

Brèche du Tuquerouye, 6/viii ; *Pics Gerbats, de Troumouse, de Serre Moune, de la Munia*, 7/viii ; *Vignemale*, visit to H. Russell in his grotto ' Villa Russell ', 8/viii ; *Col de Rieu* (Sud-Ouest Bull. No. 16, Jan. 1885, pp. 4–5 ; Beraldi, v. 122).

1885. *S. Aiguille d'Arves*, 5th ascent, 17/vii (xiii. 192 note) ; traverse (Modane to Prolognan) of *Dent Parrachée, Dôme de l'Arpont* and *Dôme de Chasseforêt* ; *Grande Casse* ; *Col de la Galise* ; *Grand Paradis* ; *Mont Blanc* by the Aiguilles Grises route ; *Petit Dru*, 4th ascent, 2/viii ; with J. Bazillac, the *Matterhorn* ; and *Dent Blanche*. He wrote a short account of the tour in C.A.F. Ann. 1885, pp. 577–81, and another in Sud-Ouest Bull. July 1885, p. 60. See also Beraldi, v. 122.

1886. *Jungfrau*, 10/viii ; *Mönch*, 11/viii ; *Finsteraarhorn*, 13/viii ; *Monte Sissone*, 22/viii ; *Monte della Disgrazia*, 23/viii ; *Gross Glockner*, c. 26/viii ; *Pala di San Martino*, 29/viii ; *Cimone della Pala*, 29/viii ; the two summits of the *Sass Maor*, the W. peak, *Cima della Madonna*, had been ascended for the 1st time, 12/viii, 4/ix (xiii. 174 ; E. iii. 419, 640). (He wrote a paper on this expedition, xiii. 455, and one on the whole tour, Sud-Ouest Bull. No. 21, July 1887, pp. 59–67.)

1887. Attempt on *Balaïtous* in winter with Bazillac (q.v.), 13/i.

1888. With Bazillac, *Astazou* from the N., 2nd ascent by F. E. L. Swan's (q.v.) 1887 route ; the *Marboré* direct from the cirque ; Bazillac and Cte Roger de Monts bivouacked at the spot where their climb of 1887 ended, 16/vii ; Brulle joined them from below at 7.30 a.m., and they completed the ascent of the Marboré ' tout droit ', 17/vii ; *Pic entre les Brèches*, 3rd ascent (see Bazillac, 1887, 88) ; *Casque du Marboré* from the N. ; *Pic Rouge de Pailla*, by W. Couloir (La Montagne, i. 444). Paper, ' Vieux Pays et Courses Nouvelles ', Sud-Ouest Bull. No. 24, Jan. 1889, p. 49 ; the first of a series of papers with this title describing expeditions from Gavarnie, where he spent August regularly for many years (cf. xx. 247–8). Visited H. Russell at his ' grotte ' on the Vignemale with Mme Brulle and Bazillac.

1889. *Pic de las Lousezas* ; new pass between the Casque and the Tour du Marboré reached by the glacier du Casque ; with Bazillac and R. de Monts, 1st ascent of the *Vignemale* by the Couloir de Gaube, 7/viii ; 2nd ascent (the 1st was by R. de Monts in 1887) of *Mont Perdu* by the Glacier Nord. These were his last climbs with Bazillac. List of expeditions, Sud-Ouest Bull.

No. 26 (Jan. 1890), p. 8 ; an account of the two latter expeditions, based on some private letters, is given ibid., pp. 57–61. See xx. 250–1 ; Beraldi, v. 135–40.

1890. *Petit Vignemale*, new route from N. (La Montagne, i. 439) ; *Pics de Montferrat* and *de Tapou*, 30–1/vii ; *Soum de Ramond* (new route) and *Mont Perdu* ; *Doigt de la Fausse Brèche* (new route, cf. xx. 248) and *Col de la Cascade*, 7/viii ; 1st ascents of *Crabounouse* and *Pic de Bugaret*, new route from N. on *Pic Long*, 12–13/viii (C.A.F. Ann. 1903, p. 231). 'Vieux Pays, &c.', Sud-Ouest Bull. No. 28 (Dec. 1890), p. 121.

1891. 1st ascent of *Turon de Néouville* ; *Néouville*, new route from W. ; *Pic de Ramongne* ; *Astazou* from the N., by glacier d'Astazou ; *Caverne du Marboré* ; *Épaule du Marboré*, 1st ascent from N., by glacier de l'Épaule ; 1st ascent of *Pic de Tuquerouye* (cf. Sud-Ouest Bull. No. 51, p. 26) ; *Mont Perdu* and *Vignemale* in one day (xx. 249). 'Vieux Pays, &c.', Sud-Ouest Bull. No. 30 (Dec. 1891), p. 70 ; list of expeditions, ibid. p. 86.

1892. *Petit Astazou*, new route from the N. (cf. xx. 248), 2/viii ; *Vignemale* (his 10th ascent), 10/viii ; attended the Mass celebrated at H. Russell's grotte 'Paradis', 11/viii ; the *Marboré*, 1st ascent by N. face ; 1st ascents of the *Tour de Gaulis*, 16/viii ; and of a nameless peak between Soum de Ramond and Col de Niscle, pt. 3,020 m. of E. Wallon's map, pt. 3,001 m. of F. Schroder's map. 'Vieux Pays, &c.', Sud-Ouest Bull. No. 32 (Dec. 1892), p. 138.

1893. *Vignemale*, guideless, 31/vii ; *Tour du Marboré* ; *Les Sarradets*, new route ; *Grand Astazou*, 1st ascent by N. face ; *Grand Gabiétou*, new route by Vallon Pouey Espé ; *Tuquerouye* ; *Vignemale*. Vieux Pays, &c., Sud-Ouest Bull. No. 36 (Dec. 1894), p. 119.

1894. Lake District : *Napes Needle* ; *Scafell Pinnacle* (xx. 249 note ; Beraldi, vi. 128). He returned to the Lakes on another occasion and climbed *Moss Ghyll*, *Steep Ghyll*, *Deep Ghyll*, and the *Keswick Brothers' Climb* (xx. 249 note). *Mont Perdu* by the Glacier Nord (5th and B.'s 2nd ascent ; see Beraldi, vii. 219) ; *Pic de Malle Rouge* and *Soum d'Aspé* (traverse of ridge between the two peaks), 13/viii (Beraldi, vii. 322) ; 1st ascents of *Pic de Fenêtre*, 18/viii, and *Pic d'Estaubé*, 21/viii ; *Pic de Montferrat*, new ascent by Petit Glacier de Montferrat, 28/viii. List of expeditions, Sud-Ouest Bull. No. 36, p. 108.

1895. *Vignemale* and *Mont Perdu* (both guideless); *Tour du Marboré* by terraces of the Cirque and E. ridge (an attempt to climb the final wall of the N. face failed and he was forced to take to the glacier de la Cascade); *Taillon* from the N.; *Pic entre les Brèches*; *Pic Rouge de Pailla*, new ascent from Brèche d'Allanz (xx. 248–9; La Montagne, i. 443). List of expeditions, Sud-Ouest Bull. No. 38 (Dec. 1895), p. 86.

1896. Visited the Tyrol and the Engadine, but bad weather prevented any climbing.

Pyrenees: *Pic du Midi d'Ossau* from the W. (1st recorded traveller's ascent by this route); *Pic de Pinède* from E. and NE., by Crête de Pinède; descent to W. by Tuquerouye arête (both new routes); the *Marboré* by glacier du Marboré (partly new) and the *Cylindre*, 17/viii. Paper, 'Alpes et Pyrénées: I. En Autriche; II. Vieux Pays, &c.', Sud-Ouest Bull. No. 40 (Dec. 1896), pp. 90–7.

1897. *Vignemale* (his 14th ascent), 30/vii; *Taillon*, 3/viii; *Mont Perdu*, 6th ascent from the N. (by a variant of his route of 1889 and 1894), 9/viii; *Tour du Marboré* (renewed his attempt of 1895 to ascend direct from the N., without setting foot in Spain, with better but not complete success), 14/viii. List of expeditions, Sud-Ouest Bull. No. 42 (Dec. 1897), pp. 101–3.

1899. *Mount Etna*, 15/v. Attempt on *Mont Perdu* by route of 1889 and 1894, reaching Col du Cylindre (xx. 251–2; Beraldi, vii. 327), 12/viii; ascent by Col d'Astazou, 19/viii.

1900. *Vignemale*, 9/viii; *Pic entre les Brèches*, 11/viii; *Marboré*, 13/viii; 1st ascent of peak to E. of Grand Astazou, on arête descending to Tuquerouye, 18/viii. List of expeditions, 1899 and 1900, Sud-Ouest Bull. No. 48 (Dec. 1900), p. 98.

1901. 1st ascent of pt. 3,354 m., the highest point of the *Crête du Milieu* (Maladetta group), with Cte R. d'Astorg, 7/vii (La Montagne, ii. 390, v. 206, ix. 680–1; Beraldi, vii. 225–6; Russell, 'Souvenirs', p. 476); *Pic d'Astazou*, 1st ascent by the arête de Pailla; *Pic d'Astazou* by his 1888 route (Beraldi, vii. 225; La Montagne, ix. 681); *Balaïtous* with d'Astorg, reached by a traverse of Petit Balaïtous and the N. arête, 3/viii; they established this as the probable route of the 1st (1825) ascent (Beraldi, vii. 226–31).

1902. With R. d'Astorg, 2nd ascent (see 1882) of *Comolo Forno*, new routes up (from N.) and down (W.), both easy; 1st ascent of *Aiguille Orientale de los Encantados*, 25/vii (Beraldi, vii.

259, 291); *Vignemale* and visit to H. Russell at Bellevue Grottes, 10/viii (ibid. 266–7).

1903. Left Viella with d'Astorg, 6/vii, for a campaign round the sources of the Noguera and Garonne rivers, much interfered with by bad weather; 1st ascent of *Tour du Campo*, 17/vii; *Pics Gourdon* (E. peak, C.A.F. Ann. 1880, p. 281), *de Basiero* and 1st ascent of *Grand Basiero Occidental*, 18/vii; W. summit of E. Wallon's *Dents des Batans* (C.A.F. Ann. 1880, pp. 304–5) (further climbing on the crête was stopped by a storm), 6/viii.

Mont Perdu (his 13th ascent) by Col d'Astazou route, with a variation (with H. de Curzon, who described the expedition in the Magazin Pittoresque, March and Aug. 1904); *Pic entre les Brèches*; *Pic Rouge de Pailla* (La Montagne, i. 438, 444). Sud-Ouest Bull. No. 50 (Dec. 1903), p. 86; Beraldi, vii. 306–9, 343.

1906. With his son Roger Brulle, 1st ascent of *Tour du Marboré* from the N. (see 1895 and 1897), 23/viii. (This was the only peak left in the Cirque de Gavarnie which he had not scaled by its N. face.) See La Montagne, ii. 470 (by H. de Curzon).

1908. *Pic Central de la Cascade*, 1st ascent by the Cirque; 1st ascent of *Pyramide du lac glacé de Mont Perdu*; peak to N. of Soum de Ramond, by the Ramond arête. Sud-Ouest Bull. No. 64 (Dec. 1908), p. 143.

1910. With his son Roger, *Pics de Teste Guilhem* and *des Quatre Termes*, 23/vii; *Pic entre les Brèches*, 30/vii (both guideless); *Mont Perdu* by the séracs of the Glacier Nord (his 3rd ascent by this route), 3/viii; 1st ascent of *Tuco d'Aneu*, *Pic de Tendeñera*, 8, 9/viii; *Aiguille* and *Pic de Saousse* (by snow couloir between the two peaks) guideless, 16/viii; *Pic de Chanchou*, *Pic Barb de Bouc*, 1st ascents of *Pic de Badet d'Aubisté*, *Pic de Som de Culaous* and *Pic de Carnaré*, Pic d'Ardiden, 20, 21/viii. Sud-Ouest Bull. 3rd Series, No. 1 (Jan. 1911), p. 105.

1913. With his son Roger, *Néthou*, 1st ascent by SW. arête, 16/vii; *Aiguilles de Liosas*, 1st ascents of *Central Aiguille* (*Aiguille Tchihatchef*) and NE. *Aiguille* (*Aiguille Franqueville*), 17/vii. La Montagne, x. 43.

He wrote a paper, 'A Pyrenean Centre', xx. 246–53, on Gavarnie and the climbs in its neighbourhood, giving some particulars of several of his own expeditions from 1889 to 1899.

Delivered an In Memoriam discourse on H. Russell, reported Sud-Ouest Bull. 2nd Series, No. 1 (July 1909), pp. 80–5.

Wrote an In Memoriam notice of Célestin Pusset of Gavarnie, xxxiv. 467.

Right Hon. Viscount James Bryce

(May 1879, P. 1899–1901, d.m. 1922)

Born 10 May 1838, Belfast. Son of James Bryce (D.N.B.) and Margaret, d. of James Young of Abbeyville, Co. Antrim. Brother of J. A. Bryce.

Married 1889 Elizabeth Marion, d. of Thomas Ashton of Ford Bank, Didsbury, and sister of the 1st Lord Ashton of Hyde.

Educated High School and University of Glasgow, and Trinity College, Oxford (scholar). 1st Class in Classical Moderations, 1859. Gaisford Prize (Greek Prose, on ' The Plague of London '), 1860. 1st Class in Literae Humaniores and 1st Class in Law and History ; Gaisford Prize for Greek Verse ; and Vinerian Law Scholarship, 1861. Chancellor's Prize (Latin Essay) and Craven Scholarship, 1862. Arnold Historical Essay Prize (on ' The Holy Roman Empire '), 1863. Librarian, 1861, and President, 1862, of the Oxford Union Society. Fellow of Oriel College, 1862. Took pupils and did some College teaching, 1861–3 ; studied for a time at Heidelberg University, 1863 ; settled in London, 1864.

B.C.L., 1865; D.C.L., 1870. Hon. Fellow of Oriel and Trinity, 1894. Examiner in Law and History to Oxford University, 1866–7 ; in Jurisprudence, 1872–4 ; Regius Professor of Civil Law, 1870–93. Hon. D.Litt., 1914.

Served as Assistant Commissioner to the Schools Inquiry Commission, 1865–6, and wrote a Report on the Condition of Education in Lancashire (1867).

Barrister (Lincoln's Inn), 1867. Joined the Northern Circuit ; practised till 1882. Author of ' The Trade Marks Registration Acts, 1875 and 1876, with Introduction and Notes on Trade Mark Law ', 1877. Professor of Roman Law and Jurisprudence to the Council of Legal Education, 1878. Professor of Jurisprudence at Owens College, Manchester, 1870–5. Examiner in Law and the Principles of Legislation to London University, 1870–5. Member of the Senate of London University, 1893 ; Fellow, 1894.

M.P. (Liberal) for Tower Hamlets, 1880–5. Member of the Royal Commission on the Medical Acts, 1881. M.P. for S. Aberdeen, 1885–1907. Under-Secretary for Foreign Affairs in Glad-

stone's Government, Feb.–Aug. 1886; was one of the chief supporters of the Home Rule Bill.

Chancellor of the Duchy of Lancaster, with a seat in the Cabinet, 1892–4. Privy Councillor (Great Britain), 1892. On Gladstone's retirement became President of the Board of Trade, 1894–5. Chairman of the Royal Commission on Secondary Education, 1894–5.

Appointed a Royal Commissioner for the Paris Exhibition of 1900.

Chief Secretary for Ireland in Sir Henry Campbell Bannerman's Government, Dec. 1905–6. Privy Councillor, Ireland, 1905.

During his parliamentary career he carried through the House of Commons Acts for the Reform of City Parochial Charities and for the Amendment of the Law of Guardianship of Infants, and the International and Colonial Copyright Act, 1886. He was specially interested in questions relating to Ireland and our possessions in the Far East; the protection of the Christian subjects of the Sultan and the extension of the frontiers of Greece; the Preservation of Commons and Open Spaces; the Revision and Consolidation of the Statute Law; the Establishment of an Universal International Copyright; the reform of Endowments; University reform and the abolition of University Tests; and the creation of a Teaching University in London.

H.M. Ambassador at Washington Feb. 1907–April 1912.

D.L. Aberdeen, 1900. Created a Viscount, 1914.

F.R.S., 1893; C., 1899–1900. Fellow (original) of the British Academy, 1902; President, 1913–17. Order of Merit, 1907.

Honorary Fellow of R.G.S., 1917 (G.J. li. 8).

A Trustee of the National Portrait Gallery. One of the British members of The Hague International Committee.

Correspondent member of the Società Romana di Storia Patria, 1885. Correspondent member 1891, Foreign member 1904 of the Institute of France. Foreign member of the Royal Academies of Turin and Brussels 1896, Naples 1903, and Stockholm, of the Reale Accademia dei Lincei, Rome, 1904, and of the Imperial Academy of Sciences of Petrograd. Knight of the Prussian Order pour le Mérite.

Hon. LL.D. Edinburgh, 1883; Glasgow, 1886; Michigan, 1887; St. Andrews, 1902; Columbia, 1904; Aberdeen, 1906;

Chicago, 1907 ; McGill University (Montreal), Wisconsin, Jena, and Williams College (Massachusetts), 1908 ; California and Leipzig, 1909 ; Buenos Aires, 1910 ; Johns Hopkins University, U.S.A., 1911 ; Adelaide and Brisbane, 1912.

Hon. D.C.L. Trinity University, Toronto, 1897 ; Princeton, 1907.

Hon. LL.D., 1907, Litt.D., 1909, Harvard.

Hon. Litt.D. Victoria University, 1897 ; Cambridge, 1898.

Dr. of Political Science, 1896 ; Hon. LL.D., 1904, Royal University, Budapest.

Hon. Member of the American Historical Association, the American Bar Association, and the Faculty of Law of Santiago University, and the Massachusetts Historical Society.

Author of a chapter on the Flora of the Island in his father's book on the Geology of the Isle of Arran (1859) ; 'The Holy Roman Empire' (Prize Essay of 1863, see above, 1st edition 1864, 8th edition 1887, reprinted 1889, 92, 99, 1902, new edition enlarged and revised 1904 ; a classic which has been translated into German, 1873, Italian, 1886, and French, 1889) ; 'The American Commonwealth' (3 vols., 1888 ; new and revised editions 1893–5, 1908–9, 1911) ; 'Studies in History and Jurisprudence (1901) ; 'Studies in Contemporary Biography' (1903) ; 'The Hindrances to Good Citizenship' (1909) ; 'University and Historical Addresses' (1913) ; 'Essays and Addresses in War Time' (1918) ; 'Modern Democracies' (1921) ; 'International Relations' (1922). Articles on Emperor, Empire, Procopius, in 9th edition, Justinian, Theodora, Tribonian, United States Constitution and Government, in 9th–11th editions of 'Encyclopaedia Britannica'.

Editor (with an introductory chapter by him) of 'Two Centuries of Irish History' (1888).

Delivered the Romanes Lecture, 1902, on 'The Relations of the Advanced and Backward Races of Mankind'.

Died at Sidmouth 22 Jan. 1922. (In Memoriam, with portrait, xxxiv. 303–9, G.J. lix. 315–18, both by D. W. Freshfield. Life by H. A. L. Fisher, 2 vols., 1927.)

Q. Alps, Pyrenees, Hekla, Ararat.

Member of S.A.C. ; the Norwegian Club. President of the Cairngorm Club from its foundation (1889).

In an autobiographical fragment, printed in 'Life', i. 13–35, he

describes the birth (at Cushendall, where he ascended his first mountain, *Trostan*, the highest in Ulster, 1849) and growth of 'the passion for mountain climbing and exploring every new region where one happened to be', and how he was taught from boyhood to combine it with geological and botanical interests (see pp. 26–33).

As a walker he was indefatigable and the climbing interest was always awake. See 'Impressions of S. Africa', 240 note; 'Life', ii. 79 (he was then 72); 'Memories of Travel', p. 276 (he was then 75); many more passages might be cited from the 'Memories'.

1862. 1st visit to Switzerland.[1]

1863. *Marmolata di Rocca* (4th ascent ?), with J. A. Bryce and others, 24/viii (i. 201, xvii. 384), cf. G.J. xlvi. 435.

1864 (Dec.)–Jan. 1865. Florence, Rome, ascent of *Mt Soracte*, Naples, Monte Cassino ('Life', i. 73–102).

1866. Joined L. Stephen (apparently at Zermatt) and went to Vienna, intending to try to see something of the Prussian-Austrian war, but, finding that hostilities were over, they visited the Transylvanian Alps: by Budapest by boat; by tram and post-wagon viâ Arad to Hermannstadt; viâ Szekely Udvarhely to Borszcek, ascending the *Csalho*, 27/viii; viâ the Budösberg to Kronstadt and Törzburg; ascended the *Bucsecs*, 3/ix. See iii. 25–44 (paper, 'The Eastern Carpathians', by Stephen, reprinted in his 'Playground of Europe'); 'Life', i. 119–29; G.J. liii. 146–8.

1868. *Lysjoch* with (Sir) C. P. Ilbert, K. E. Digby (vol. ii), and R. B. Heathcote (vol. ii), 26/viii (O.V.B.). Later in the Dolomites with Ilbert and C. Robartes.

1869. With Ilbert and Aeneas J. G. Mackay, *Monte Pelmo*, 3rd ascent by travellers (E. iii. 477; Gilbert's 'Cadore', p. 311; 'Memories', p. 137); *Langkofel*, 2nd ascent, 15/viii (xix. 507; 1st ascent by P. Grohmann, 13/viii: I know of no other mention of Bryce's ascent; it may be the origin of the reported climb by two herd-boys, mentioned E. iii. 352); *Marmolata*, 31/viii; *Tofana* (C.A.I. Boll. iv. 259).

1870. 1st visit to the United States, with Albert Venn Dicey ('Life', i. 135, 222; 'Memories of Travel', p. 243).[2]

[1] See the Chronological Table, 'Life', ii. 313–24. I have not thought it necessary to record all the visits to France, Germany, Italy.

[2] Throughout his travels Bryce noted down impressions which could be developed and expanded later on: and he was at work to the end on a volume

1871. With Ilbert, L. Stephen, and G. Loppé, walk round *Col du Tour*, *Fenêtre de Saleinaz*, and *Col du Chardonnet* (xxii. 144, cf. v. 295); with Ilbert (?), *Schreckhorn*, 12 or 13/ix ('Transcaucasia and Ararat', p. 243).

1872. Iceland with Ilbert and Mackay: reached the E. coast at Seydisfjord; by Myvatn Lake to Akureyri on the N. coast; across the central plateau just to E. of Lang Jøkull to Hvitarvatn (White Lake) and by the geysers to Reykjavík: ascended *Mount Hekla* (paper, 'Stray Notes on Mountain Climbing in Iceland', vii. 50–3; 'Memories',[1] pp. 1–43, and Notes by Ilbert, ibid. 297–300).

1873. Pyrenees with Ilbert: attempt to reach Port d'Oo defeated by snow and wind; with H. Russell ('Souvenirs d'un Montagnard', pp. 282–3); *Pic de Néthou*, 13/ix ('Transcaucasia and Ararat', p. 243); *Vignemale*; *Canigou*; Andorra visited (xix. 563–4; 'Life', ii. 265); was nearly drowned while bathing on one occasion ('Life', i. 278). For bathing indeed he had a very special enthusiasm, almost to the end (see 'Life', ii. 100, 105, 115).

1874. Visited Portugal on legal business; managed some travel in the mountains, besides seeing Oporto, Lisbon, Coimbra, and Busaco. Summer in Norway with J. A. Bryce and Sir George Young.

1875. Revisited Portugal; travelled through Spain from Santander to Gibraltar, visiting Burgos, Avila, Madrid, and the Escurial, Toledo, Cordova, Granada, Malaga, Cadiz, and Tangier ('Life', i. 151–5).

1876. Left Nijni Novgorod, 24/viii; down the Volga by steamer to Saratoff; by rail viâ Rostoff-on-Don to Vladikavkaz; crossed the Krestovaya ('Darial') pass, arriving at Tiflis, *c.* 3/ix; viâ Erivan to Aralyk, 6–9/ix; camped at *c.* 7,500 ft., 11/ix; ascended *Mount Ararat* (9th ascent; see Z.A.V. 1895, p. 345), being alone for the last 3,500 ft., 12/ix (paper, viii. 208–13). Retraced his steps to Tiflis, and returned by steamer from Poti to Constantinople, coasting along Asia Minor (G.J. lv. 286). He described the whole tour in 'Transcaucasia and Ararat' (1877).

1878. Hohe Tatra: from Krakau by the valley of the Duna-

of 'Memories of Travel'. Those which were completed were published in 1923, but he had intended to include many similar sketches. See Preface, p. viii. Mention may be made here of his paper, read before the R.G.S. in 1914, on 'The Mental Training of a Traveller', G.J. xlv. 110–22.

[1] See preceding note.

jecs to Zakopane ; by the *Zavrat* pass ; and *Polnischer Kamm* to Bad Schmecks ; *Schlagendorferspitze* ; *Lomnitzerspitze* ; *Gerlsdorferspitze* ; visit to the Ice Cave of Dobschau ; descent of the Dimojec rapids, &c. He wrote an article on the tour for the Cornhill Magazine, reprinted in 'Memories', pp. 44–140. See also G.J. liii, 146–7.

1879. Norway, Denmark, Finland.

1880. Greece and Constantinople : visited Hissarlik (Troy) in Asia Minor (G.J. xlvii. 417).

1881. 3rd visit to U.S.A. Crossed the continent to the Pacific Coast and visited the Southern States. For an incident which occurred while he was travelling by steamboat down the Mississippi see 'Life', i. 278–9.

1882. Summer in the Alps.

1883. Read a paper before the Club, 1/v, on 'North America as a Field for Mountaineering', which never appeared in the Journal (xi. 308).

Third visit to U.S.A. Crossed by the newly opened Northern Pacific Railway to Washington and Oregon : with Karl von Zittel[1] (Honorary A.C.), the eminent palaeontologist, made a partial ascent—reaching *c.* 10,000 ft. on the Willis glacier—of Mount Rainier (Z.A.V. xxi, 1890, p. 1).

From San Francisco to the Hawaian Islands, where he ascended *Mauna Loa*, an active volcano, 13,675 ft. in height ('Life', ii. 79), and *Kilauea*, 3,900 ft. He spent a night or two in a hut on the edge of the great crater of the latter and, while wandering alone, had a very narrow escape, described 'Life', i. 279–80.

1884. With E. E. Bowen followed the line of Suvaroff's march in his famous Alpine campaign in 1799 : from Airolo over the *St. Gotthard* ; from Altdorf over the *Kinzig Kulm* to the Muota Tal, where he found the gorge leading to Schwyz blocked by the French ; by the *Pragel* pass to the Linth valley, where he was checked by another French force at Näfels ; finally over the *Panixer* pass to Ilanz ('Memories', p. ix ; he described the route mainly from the point of view of Suvaroff and his men, 'Memories', pp. 141–65).

Also visited Eastern Italy and Umbria.

1885. In the Dolomites : Dalmatia and Montenegro. See G.J. xlvi. 435, xlvii. 290–1, li. 13–15, liii. 225–6.

1887. Summer in Switzerland. Dec. to Jan. 1888 Egypt : went up the Nile to Wady Halfa (Life, i. 243–54).

1888. Nov. to Feb. 1889 India : Naini Tal, Lucknow, Benares, Calcutta, Darjeeling (see 'South America', pp. 271, 276), Madras, Ootacamund (reached by traversing *Dodabhet* (8,760 ft.), the highest summit of the Nilgherries), Trichinopoli, Madura, Hyderabad, Bijapore, Peshawur, Khyber pass to Ali Musjid, Lahore, Delhi, Agra (?), Futehpore Sikri, Jeypore, Jodhpore, Mount Abu, Ahmedabad, Bombay ('Life', i. 254–76).

1889. Dolomites, Eastern Alps, Croatia, Carinthia, Carniola, Adelsberg, Venice ('Life' i. 280 ; cf. G.J. xlvi. 435). (In this tour and all his subsequent travels he was accompanied by his wife.)

1890. United States (4th visit) and Canada, which he crossed to Vancouver : Yellowstone Park.

1891. Voyage to North Cape viâ Bergen and Trondjhem : thence to Stockholm and the island of Gothland.

1893. From St. Jean de Luz by the Port de Roncevaux (Roncesvalles) to Pampeluna ; Saragossa ; Tarragona ; Barcelona ; Majorca ('Life', i. 293).

1895. South Africa : by sea (touching at the Canaries) to Cape Town, ascended *Table Mountain* ; viâ Kimberley to Mafeking by rail ; drove in a wagon, accompanied only by a Dutch driver and a native Cape 'boy', to Pitsani and along the Notwani river to its junction with the Limpopo at Palla ; thence to Palapshwye, Khama's capital, and through the Matoppo hills by the Mangwe pass to Buluwayo ; thence, visiting *en route* the Dhodhlo ruins, to Gwelo and Fort Victoria, whence Zimbabwe was visited, and on to Fort Salisbury (1,200 miles from Mafeking). Here they turned eastward to Mtali (about 150 miles), then in two hard days crossed Christmass pass into Portuguese territory and reached Chimoyo, then the terminus of the Beira–Salisbury railway. Then by rail to Fontesvilla (117 miles) and by steamer down the Pungwe river to Beira (50 miles).

By sea, touching at Delagoa Bay, to Durban ; then by the recently completed railway through Natal (visiting Pietermaritzberg, Laing's Nek, and Majuba Hill) to Johannesburg and the Rand Mines, and Pretoria ; then to Bloemfontein ; branched off to Ladybrand and Basutoland ; visited Lerothodi, the paramount

chief, at Matsieng, whence they ascended *Machacha* (*c.* 10,800 ft.), the second summit in the Maluti range, descending to Thaba Bosiyo, the famous stronghold of Moshesh. They also visited Grahamstown and the native college of Lovedale, near King Williamstown ('Life', i. 305–9). He described most of the tour in 'Impressions of South Africa' (1897); see chap. ix and Part III, chaps. xiii–xvi, xviii–xx.

1896. North Africa: Tunis, Susa, Biserta, &c.

1901. Visited Mexico, viâ the United States, Cuba, and Jamaica.

1903. Sicily: ascended *Etna*.

1904. Corsica.

1905. April: visited Greece, Smyrna, and the Greek Islands.

Sept.–Oct. From Vienna to Budapest, Bucharest, Belgrade, Salonika; returned by the valley of the Mesta (?), crossed the western end of the Rhodope range, visiting the Rilo Monastery, to Sofia (G.J. xxviii. 25–7, xlvii. 291, li. 15).

He was the first British Ambassador to visit the Pacific Coast officially (March, April 1909), and during the whole of his ambassadorship he travelled indefatigably; by the end of it had visited every state in the Union (see for these journeys, 'Life', ii. 317–23). He wrote at large on the Scenery of North America ('Memories', pp. 226–53; cf. xx. 433).

1910. Took 'double leave' and made a journey round South America: left New York, 1/ix; Kingston, Jamaica; Colon; inspected the works of the Canal, then in course of construction; left Panama, 11/ix; Payta; Callao and Lima, 17/ix; Mollendo; then inland by rail to Arequipa; and over the pass of La Raya (14,518 ft.) to Cuzco; returned to Puno; by steamer to S. end of Lake Titicaca; La Paz; by rail (visiting from Vyuni the mines of Pulucayo) to Megillones; by sea (touching at Antofagasta) to Valparaiso, 6–9/x; thence by the Transandine railway (passing Aconcagua and Tupungato) to Mendoza in Argentina: on the return journey crossed the summit of the Uspallata pass (the Cumbre) on foot; Santiago; south by rail as far as Osorno, visiting Concepcion and the neighbouring ports of Talcahuano, Coronel, and Lota; Valdivia and Corral; excursions to the mouth of Rio Bueno and to Lake Rinihue; left by sea 25/x for the Straits of Magellan; Punta Arenas, 30/x; Falkland Islands; Monte Video; Buenos Aires; Santos; by rail to Sao Paulo and Rio de

Janeiro ; Petropolis and the Organ Mountains, returning by the Parahyba valley, Novo Friburgo, and over the coast range to Nictheroy, opposite Rio. On the day of their departure a naval mutiny broke out and they reached their homeward-bound liner under a flag of truce. To Liverpool by Bahia, Pernambuco, and the Cape de Verde Islands ; thence to New York (arrived 1/i/1913). Life, ii. 44–61. He described the tour in ' South America : Observations and Impressions ' (1913 ; reviewed G.J. xlii. 186).

1912. Again took double leave. Left Washington for San Francisco 26 April : crossed the Pacific (visiting Tahiti, Murea, and Raiatea in the Society Islands, and Mangaia, Aitutaki, and Rarotonga in the Cook group) to New Zealand and Australia : visited Auckland, Wellington, and travelled in both islands of New Zealand and through Victoria, South Australia, New South Wales, and Queensland, visiting Melbourne, Adelaide, Sydney, and Brisbane, also Tasmania and Hobart ; on the return journey visited Tutuila, in the Samoa group, and Honolulu ; reached San Francisco 12 Sept. (xxviii. 253–4 (on New Zealand) ; ' Life ', ii. 75–81 ; ' Memories ', pp. 191–225 (on the South Pacific Islands)).

1913. His ambassadorship ended 24/iv ; left San Francisco, 6/v ; Honolulu, 9–10/v ; after a few days in Japan, Shanghai ; Nanking ; up the Yangtze and its gorges to Ichang and back ; Pekin, the Great Wall, &c. ; viâ Port Arthur, Mukden, and Seoul to (end of June) Japan ; visited Tokyo, Yokohama, Osaka, and spent nine days at Kyoto, but were mostly among the lakes and hills and ' seldom stationary ', visiting Nikko, the Myogi-San peaks, &c. (xxviii. 159 ; xxix. 277–9 ; xxx. 224 ; Life, ii. 99–104) ; left Tsuruga for Vladivostok, 4/viii ; returned by the Trans-Siberian railway.

After diverging to Tomsk to secure necessary permissions, left the main line at Novo Nikolaievsk, 12 or 13/viii (?), and went in small steamers up the Obi river to Bysk or Biisk ; thence started south in a tarantass, 18/viii, over very rough country ; obtained from a summit above the Semensky pass a panoramic view southward of the Altai range, though the two Belukha (Bjelucha) peaks (14,700 ft.) were not visible ; here they were obliged to turn back through the condition of the tarantass, reached Bysk by a more westerly route after eight very hard days, returned down the Obi to the railway and resumed their journey (' Life ', ii. 104–7 ; ' Memories ', pp. 254–95).

1914. Palestine (March, April): Jaffa, Jerusalem, Hebron, Dead Sea, Jericho, Bethel, Nablus, Nazareth; ascents of *Mount Carmel* and *Mount Tabor*; Haifa; Acre; by rail to Galilee and on to junction with Hedjaz railway; viâ Ma'an to Petra and ascent of *Mount Hor* (*Jebel Harun*); Damascus; Baalbec; Beirut; Sidon (Life, ii. 108–20; 'Memories', pp. 166–90).

1920. Southern Spain and French Morocco (Casablanca, Marrakesh, Rabat, Fez, Meknes) in April–May ('Life', ii. 250–4).

1921. Last visit to United States.

Amongst undated climbs were ascents of *Monte Rosa* and the *Terglou* (cf. xxxi. 287).

Presidential address, xxi. 1–11 (see also p. 75); In Memoriam notice of Sir L. Stephen, xxii. 141–6; 'Jubilee Message to the Club', xxiv. 36, 41; contributed an additional chapter (chap. x, pp. 317–27) on 'Mountaineering in Far-away Countries' to the 3rd ed. (1900) of the volume on 'Mountaineering' in the Badminton Library.

Charles Burlingham

(March 1877)

Born 1847. Son of Henry Burlingham of Lansdown, Evesham, a member of an old Quaker family, and Hannah Kilham Corbett of Manchester.

Educated private schools.

Married 1st, 1879, only d. of C. C. Prance of Hatherley Court, Cheltenham; 2nd, 1904, Mabel Lake, d. of Rev. William Marshall, Vicar of Idle, Bradford, Yorks.

Q. Alpine.

William Acton Pegge-Burnell

(May 1889, d.m. 1925)

Born 24 May 1842. Son of Edward Valentine Pegge-Burnell, J.P., of Winkburn Hall, Notts., and Harriet, d. of Hugh Parker.

Educated Christ Church, Oxford.

Died 26 Jan. 1925.

Q. Alps 1882, 83, 85, 87.

Henry Entwistle Bury

(Dec. 1878)

Born 13 Aug. 1854. Son of Edward Bury, barrister, London.
Married 1881 Angela Mary, d. of Captain W. P. Elgee.
Educated Rugby.
Solicitor (1876), London.

Q. Alpine.
1883. *Ahornspitze* and *Schwarzenstein* in Zillertal; *Cristallo, Tofana, Antelao, Marmolata* (U. Almer).

Arthur John Butler

(Dec. 1886, E. 1890–3, d.m. 1910)

Born 21 June 1844, Putney. Son of Rev. William John Butler, Dean of Lincoln (D.N.B.), and Emma, d. of George Henry Barnett, banker, of Glympton Park, Woodstock.

Married 1875 Mary, d. of Rev. William Gibson Humphrey, Vicar of St. Martin's-in-the-Field.

Educated Bradfield, Eton, and Trinity College, Cambridge (Foundation Scholar, 1865); Bell Scholar, 1864; 8th Classic and Junior Optime, 1867; Fellow of Trinity College, 1869; remained at Cambridge till 1870.

An examiner in the Education Department, 1870–87. Then became a salaried partner in the publishing firm of Rivingtons; in 1890 that business was taken over by Messrs. Longmans, Green & Co., in whose employment Butler remained till the termination of his five years agreement in 1892. Editorial Manager to Cassell & Co., 1892–4.

In 1894 he was appointed Assistant Commissioner to the Commission on Secondary Education.

From 1899 till his death he was employed at the Public Record Office in editing Calendars of Foreign State Papers from 1577 to 1583, of which he published four volumes between 1901 and 1909.

Professor of Italian Language and Literature at University College, London, 1898–1910. Examiner (additional) in Italian to London University, 1899–1900.

He possessed an unusual mastery of foreign languages and was widely known for his scholarly contributions to the study of Dante, 'Dante, his Times and his Work' (1895, 2nd ed. 1897);

a prose translation, with Notes, of the 'Divina Commedia' (Purgatorio, 1880, 2nd ed. 1892; Paradiso, 1885, 2nd ed. 1891; Inferno, 1892); an edition of the Italian text (1890); a translation of Scartazzini's 'Companion to Dante' (1893); the article 'Dante' in 'Encyclopaedia Britannica', 11th ed.; 'The Forerunners of Dante, a selection from Italian Poetry before 1300' (1910), &c.

Author of translations of the Memoirs of Marbot (1893); and Thiebault (1896); of the Letters of Count Cavour and Madame de Circourt (1894); Select Essays of Ste-Beuve (1895); and Professor Friedrich Ratzel's 'History of Mankind' (1896); edited the English version of 'Bismarck the Man and the Statesman' (1898); also published the 'Life and Letters' of his father (1897), and wrote the chapters on 'The Wars of Religion in France' and 'The End of the Italian Renaissance' for the Cambridge Modern History.

He was a regular contributor to the Athenaeum, principally of reviews of books, for 35 years, and wrote occasional articles in the magazines, on Dante, Eton, Mountaineering, Napoleon's Campaigns, &c.

Died 26 Feb. 1910. (In Memoriam, by G. W. Prothero, with portrait, xxv. 436; Memoir, by Sir A. Quiller-Couch.)

Q. Alps 1865; Eastern Alps 1874, 77, 78, 80–5.

Member of the Austrian A.C.

Visited the Mont Blanc chain as a schoolboy, before the foundation of the A.C. (xv. 1).

1863. Discovered the 'Slab and Notch' route (now the ordinary one) up the *Pillar Rock* with J. M. Elliott and others (C.C.J. viii. 3; Haskett-Smith, p. 124; F.R.C.C.J. ii. 16).

1865. *Col du Grand Cornier*; *Col du Mont Brulé*; *Neu Weisstor*; pass connecting the two branches of Val d'Antrona; *Monte Leone* (xxxi. 227, 352).

1874. Made his first visit to the Oetztal, reaching it by the *Bildstöckljoch*; ascended the *Wildspitze*, 6/vii; made a new route up the *Similaun* by the Marzellgrat (the descent was *not* new, E. ii. 330).

1881. Patznauntal to Fetan (Unter Engadine) by the *Jamtaler Ferner* and *Vadret d'Urezas*; returned by the Val d'Urschai and *Fimber Ferner*. (Notes by him, xi. 124.)

1882. *Oberettenjoch* (*Tobarettajoch*), 1st traveller's passage, 10/viii (x. 104 ; E. ii. 293). *Viehder joch* (?) ; *Langtaufererjoch* (with a variation) ; *Rotmoosjoch* (E. ii. 372). See Notes by him on the Eastern Alps, xi. 123.

1884. Attempt on the *Hochalmspitze* ; the rest of the party reached the top ; he was obliged to stop about one hour below it, 14/viii (xii. 125). Notes on Huts in the Eastern Alps, xii. 263.

1886. *Wilder Freiger*, new descent, with F. Pollock, 10/viii (xiii. 127 ; Ö.A.Z. 1886, p. 233).

1888. *Breiter Grieskogel*, by a fancy route, 30/vii ; *Pollesjoch* and *Pitztkaljöchl*, 31/vii ; *Schalfkogel* traversed, *Niederjoch*, 3/viii ; *Hohe Wilde*, ascending by the route of A. E. Craven's descent in 1876, 5/viii ; visited the glacier at the head of the almost unknown Planail thal (xiv. 160), 7/viii ; 1st passages of the *Kleinbergjöchl* and *Quelljoch*, 8/viii (E. ii. 291, 293 ; Ö.T.Z. 1888, p. 203 ; xiv. 160) ; 2nd (and 1st complete) passage of the *Similaunjoch*, 9/viii (M.A.V. 1889, pp. 10, 53, 160 ; xiv. 161 ; E. ii. 331) ; *Hintere Schwarze*, 10/viii. He read a paper before the Club on 'The Oetzthal District', describing these and some other expeditions, including those of 1874 (xiv. 455–66).

1890. Made two 'Undesigned New Routes' in the Oetzthal district, the 1st ascent of the highest of the *Hennesiegel Spitzen*, 7/viii (E. ii. 320), and a new pass from Gepatsch to the Hochjoch Hospiz over the *Vernagelwand*, 8/viii (E. ii. 283) ; and one in the Adamello group, the 1st passage of the '*Passo Castellacio*', 21/viii (E. ii. 211). Paper, xv. 361.

1891. See Ö.A.Z. xiv. 32.

1897. *Kaiserrück* and *Hinterrück*, 9/vii ; *Säntis* traversed, 10, 11/vii ; *Scesaplana*, 14/vii ; *Verrajöchl* and *Ofen* pass, all with W. A. B. Coolidge (Ö.A.Z. 1897, p. 273).

1906. *Mastaun Scharte*, 19/vii ; *Soyjoch*, 21/vii. Paper, 'Some Byways in South Tyrol', xxiii. 478.

Wrote the review of E. Richter's 'Gletscher der Ostalpen', xiv. 520, and, I suspect, also those of the Badminton Volume on Mountaineering, xvi. 276, and the 'Erschliessung der Ostalpen', xvii. 445, and an In Memoriam notice of W. E. Hall, xvii. 443, see also his Prefatory Note as Editor, xv. 1–2.

Wrote the chapter on 'Mountaineering' in Cassell's 'Sports of the World'.

Was an original member of 'The Sunday Tramps'; see Leslie Stephen's 'Life', p. 358, where his 'Ballade of the Sunday Tramps' is printed.

Arthur Stanley Butler

(June 1884, resigned 1886)

Born 17 May 1854. Son of Rev. George Butler, Canon of Winchester (D.N.B.), and Josephine, d. of John Grey of Dilston, Northumberland; brother of C. A. V. and nephew of H. M. Butler.

Married 1886 Edith Rhoda, d. of Jasper Bolton of Ballykisteen, Tipperary.

Educated Cheltenham and Exeter College, Oxford; 1st Class in Mathematical Moderations, 1875; 1st Class in Mathematical Greats, 1877.

Professor of Natural Philosophy at St. Andrews University, 1880–1921.

Died 2 March 1923. (Who's Who.)

Q. Alps 1875, 78, 79, 81, 83.

Alfred Caddick

(March 1879, d.m. 1914)

Born 24 Nov. 1841. Son of Elisha Caddick.

Married 1869 Anne Jessie, d. of John Armstrong, M.D., J.P. for Gravesend.

Educated Proprietary School, Edgbaston, Birmingham.

Solicitor (1863), West Bromwich; Town Clerk and Clerk of the Peace.

Died 7 March 1914.

Q. Alpine.

Original Member of the Climbers' Club.

1880. 1st passage of the *Balfrinjoch* with W. M. Conway, 10/viii (x. 97, 343); *Matterhorn* (see C. R. Shore), 14/viii (Hut Book).

Charles Cannan

(Dec. 1885, C. 1912–14, d.m. 1919)

Born 2 Aug. 1858, Richmond, Surrey. Son of D. A. Cannan.

Married 1891 Mary Wedderburn, d. of Andrew Wedderburn-Maxwell of Glenlair, Kirkcudbrightshire.

Educated Clifton and Corpus Christi College, Oxford (scholar); 1st Class in Classical Moderations, 1878; 1st Class in Literae Humaniores, 1881.

Fellow and Tutor of Trinity College, 1884–97; Junior Bursar, 1887; Examiner in Classical Moderations, 1888–9; in Literae Humaniores, 1893–5.

Editor of the Oxford Magazine, 1885–7.

Delegate of the University Press, 1895–7. Secretary to the Delegates of the University Press, 1898–1919.

Also a Curator of the University Chest; a Member of the Committee of Appointments; and of the Delegacy for Inspection and Examination of Schools.

Member of Council of Clifton College (1899).

Died 15 Dec. 1919. (Who's Who; The Times; In Memoriam, by A. D. Godley and A. L. Mumm, xxxiii. 111, with portrait; these and several other tributes were collected privately and printed, with the title 'Some Recollections of C. C.', and together give a fairly complete picture of his life and work. The piece from the Pelican Record is by W. Little (q.v.). See also for his work during the War The Times Literary Supplement, 1921, p. 114.)

Q. Alps 1881 (with A. L. Mumm, see xxx. 314), 82, 83, 84 (first part with Mumm), 85 (see xxxviii. 301).

1886. With Mumm.

1887. 1st traverse and passage of the SW. arête of the *Crête de Millon*, 23/viii (xvii. 365); and some expeditions with Mumm.

1889. With A. D. Godley, 2nd passage of the *Märwiglücke*, 5/viii (xiv. 514, xviii. 58); *Bietschhorn*; 1st recorded ascent of the *Beichspitze*, 10/viii (Bernese C.G. I, part ii, p. 113). With T. P. H. Jose, Mumm, and C. A. James, *Grand Paradis*; with Jose, *Brèche de la Meije*, 24/viii; *Tête du Roujet*, 27/viii; *Meije* (36th ascent), 29/viii (S.T.D. Ann. 1889, pp. 61–4).

1902. See Mumm.

See generally, and for some account of his doings at Wastdale Head, xxxiii. 111–14.

Arthur Drummond Carlisle

(May 1889)

Born 25 Jan. 1847, Liverpool. Son of Thomas Carlisle of Waterloo, Liverpool.

Married 1888 Ethel Fanny Faulkner Dawson, d. of Rev. Dawson Campbell, Vicar of Christ Church, Ware.

Educated Liverpool Collegiate Institute and Trinity College, Cambridge ; 2nd Class in the Classical Tripos, 1869.

Assistant Master at Repton, 1871 ; at Haileybury, 1872–1907 ; F.R.G.S., 1876.

Q. Alps 1877, 79, 81–4, 86 ; 1870 : a week on the outer ranges of the Himalayas near Mussoorie ; walks and climbs in the mountains of Japan near Hakone Lake ; and in the Lower Andes, near Cauquenes, Chile.

1870. Left England, 25/xii, 1869, for Alexandria ; by rail to Suez ; thence Ceylon (Galle), Madras, and, 2/ii/1870, Calcutta. Visited the Tirhut indigo plantations, Cawnpore, Lucknow, Agra, Delhi ; went to Dehra Dun and Mussoorie, and for two or three marches along the road to Simla. Reached Hongkong 5/iv (visited Macao and Canton) ; Shanghai, 22/iv ; thence to Ningpo and the Tien Tung monastery and up the Yangtze (visiting Nanking and the Ming tombs) to Hankow. Thence to Nagasaki, Kobé, Osaka, Yokohama, and Yedo (Tokyo), making excursions to Koyasu, Miyanoshita, and Hakone Lake, and an ascent of *Komagatake* (4,452 ft.). Left Japan *c.* 22/vi ; arrived San Francisco 13/vii. Visited the San Joaquin valley and the ' Big Trees ', Yosemite and Napa valleys, Lake Tahoe and Virginia City, San José and the New Almadin Silver Mines. Left mid/viii for Panama, thence down W. Coast of S. America, touching at Payta, Callao (and Lima), and many minor ports, to Valparaiso (visits to Santiago and the Baths of Cauquenes, near the base of Aconcagua). By Straits of Magellan to Punta Arenas ; Monte Video (and up the river to Paysandu) ; Buenos Aires (trips to Chivilcoy, the Espartilleras estancia, Rosario, Cordova, and the Sierra to the W. of that city) ; Rio de Janeiro (visit to Petropolis and the Organ Mountains). Left Rio *c.* 23/xii. Reached England *c.* 12/i, 1871. He described the tour in ' Round the World in 1870 '.

Ellis Carr

(March 1888, C. 1896)

Born 3 April 1852. Son of John Carr, a native of Kendal, partner in the firm of Peek Frean & Co., biscuit manufacturers, and Harriet Carr of Mansfield, Notts., both Quakers.

Educated at a private school at Clapham Park, and at Grove House School, Tottenham ; then with a tutor in Bernburg (Anhalt), and Frankfort.

Started business with Peek Frean & Co., becoming, as did other members of his family, a partner, and a director when the firm was converted into a limited company, 1901. An artist (see below) ; also an enthusiastic flute-player, and for many years a member of the amateur orchestra known as ' The Wandering Minstrels '.

Q. Alps 1879, 81, 83, 85, 86, 87.

1888. *Wetterhorn*, 11/viii, and *Schreckhorn*, 14/viii, with F. M. Davies ; *Mönch* and *Mönchjoch*, 20–21/viii, and *Laquinhorn*, 24/viii, with Davies, C. J. and R. N. Arkle ; *Ried* pass and *Ulrichshorn*, with Davies, 28/viii ; *Dom*, with Davies and the Arkles, 30/viii ; *Riffelhorn* from Gorner glacier, 1/ix ; *Strahlhorn* from Mattmark Weisstor, 4/ix ; *Mominghorn*, 2nd ascent, with the Arkles, 5/ix.

1889. *Aiguille du Moine* ; *Col* and *Pic du Grand Montet* ; with F. M. Davies, R. F. C. Leith, and R. A. Robertson, *Col du Chardonnet*, *Mont Dolent*, and *Col du Géant* ; with Davies, *Lyskamm*, 27/viii ; *Gross Hohwanghorn*, 2nd ascent by a new route with F. O. Schuster, 30/viii (xiv. 500) ; *Matterhorn* from Breïl, with H. W. Holder, 2/ix.

1890. Completed the route from the SW. (see xv. 78) up the *Aiguille du Moine*, with G. H. Morse, J. H. Wicks, and C. and H. Wilson, 17/vii (xv. 297) ; with Morse and Wicks, traverse of *Les Périades*, 25/vii (xv. 333–5) ; 1st ascent of the *Pic sans Nom* (Aiguille Verte), 28/viii (xv. 297, 335–9) ; *Aiguille des Charmoz*, 30/vii ; *Pic Balfour* (Aiguille du Grépon), 1/viii. These expeditions were all guideless. *Dent du Géant*, with E. A. Broome, 9/viii ; *Aiguille du Tacul*, with Broome and F. M. Davies, 12/viii ; traversed *Mont Vélan*, making a new descent by the SE. face, with W. M. Conway (q.v.) and Davies, 16/viii (xv. 256, 301) ; 1st ascent and passage of the *Aiguilles* and *Col des Luisettes*, 18/viii

(xv. 261, 301–2, xviii. 126); with Conway and Davies, *Col de Blancien* and *Col de Sassa*, 19/viii (xv. 261–2); and 1st passage of the *Col de Créton*, 20/viii (xv. 263, 305, xvii. 553); with Davies, *Moming* pass, 22/viii; *Rothorn*, 23/viii. See Conway, 'Mountain Memories', pp. 113–17.

1891. With G. A. Solly and Horace Walker, *Verstanklahorn*, 14/vii; *Piz Linard*, 15/vii; *Gross Litzner*, 18/vii; *Tinzenhorn*, guideless, 20/vii; *Jägerjoch* and *-horn*, 27/vii; *Tour du Grand St. Pierre*, partly new routes up and down, with A. F. Mummery, 12/viii (xvii. 346); *L'Herbetet*, with Davies, Conway, and H. W. Topham, 13/viii; *Grand Paradis*, with Davies, 16/viii; *Château des Dames*, with Davies, Conway, and Topham, all guideless. *Gabelhorn* from Arben glacier, with Davies, 27/viii; *Aiguille de la Za*, 2/ix; *Aiguilles Rouges d'Arolla*, 3/ix.

Made the 2nd ascent of the *Pillar Rock* by the N. face, with Solly (q.v.), W. C. Slingsby, Horace Walker, R. W. Brant, and others; discovered and accomplished the 'Hand Traverse', –/x (F.R.C.C.J. i. 239–40).

1892. Skye. With J. H. Gibson, G. H. Morse, and J. H. Wicks traversed *Sgurr nan Gillean* and the *Bhasteir Tooth*, 12/iv; climbed the 'Inaccessible Pinnacle', descended *An Stac*, an unclimbed buttress of Sg. Dearg (Abraham, p. 204) and climbed *Sg. Mic Choinnich*, 14/iv; made a variation on *Sg. Mic Choinnich* (see S.M.C.J. ix. 3), 15/iv; traversed *Sg. Greadaidh* and *Sg. Mhadaidh*, 16/iv; and *Bidean Druim nan Ramh*, 17/iv (S.M.C.J. ii. 213).

With G. A. Solly and Horace Walker, attempts on *Grivola*, *Herbetet* (S. ridge), and *Bec de l'Invergnan*, *Cols d'Entrelor* and *du Géant*, 25/vii–3/viii. With C. Wilson, C. H. Pasteur, Miss Pasteur, and Miss M. Pasteur, 1st ascent of *L'Évêque*, the central of the three points on the ridge between the Aiguilles Verte and du Moine, 7/viii (xvi. 265). After a reconnaissance (11/viii) with A. F. Mummery, W. C. Slingsby, and G. A. Solly, made with Mummery and Slingsby an attempt on the *Aiguille du Plan* from the NW., 13 and 14/viii. He read a paper before the Club on these expeditions entitled 'Two Days on an Ice-Slope', xvi. 422, and illustrated it with three sketches; cf. xvi. 272, and Mummery, p. 183. With A. F. Mummery, J. N. Collie, C. H. and Miss Pasteur, Petherick and Miss Bristowe, *Aiguille des Charmoz*, 23/viii (Mummery, pp. 117–19). All these expeditions were guideless. *Aiguille du Dru* with Pasteur and Collie, 27/viii.

1893. *Croda da Lago*, 20/vii ; with C. Pilkington and Horace Walker, *Monte Cristallo*, 24/vii ; *Bocca di Brenta*, 29/vii ; *Cima di Brenta*, 1/viii ; *Presanella*, 5/viii ; *Adamello*, 6/viii ; *Königsspitze*, 10/viii (M. Anderegg joined in the first two expeditions ; no other guides) ; *Eiger*, 19/viii ; *Lauterbrunnen Breithorn* with P. Fletcher, 23/viii.

1894. See J. H. Wicks and C. Wilson (he contributed two illustrations and a map to Wilson's paper on the Corno Bianco, xvii. 475).

1895. With C. Pilkington and Horace Walker, *Terglou*, 23/vi ; *Hochalmspitze*, guideless, 27/vi ; *Dreischüsterspitze*, guideless, 2/vii ; *Grosse Zinne* (with Mrs. Pilkington and Miss Carr), 4/vii ; Carr also ascended the *Kleine Zinne*, 5/vii ; *Feldkopf* (*Zsigmondyspitze*), with Pilkington only, 16/vii ; guideless ascents of *Gross Greiner*, with Pilkington and Joseph Collier, 19/vii ; and *Rossrückspitze*, with the same and Walker, 21/vii.

1896. *Glärnisch*, with W. C. Slingsby (q.v.) and Horace Walker, 28/vi (xviii. 327) ; *Galenstock*, 6/vii, and *Jungfrau*, 10/vii, with Slingsby ; 1st ascent of Summit No. 3 of the *Fusshörner* with C. Pilkington, Slingsby, and G. A. Solly, 13/vii (xviii. 408, xix. 316) ; *Mont Fort* and *Col du Mont Fort*, with the same (Slingsby, p. 48) ; *Mont Blanc* traversed viâ Dôme glacier, with the same and Horace Walker, 26/vii (xxxi. 81–5 ; Rucksack Club J. i. 24 ; Rev. Alp. ii, 266–7) ; all guideless. See S.M.C.J. iv. 242 ; 'Alpina', 1915, p. 129.

1897. With C. Pilkington and Horace Walker, *Vertainspitze*, 9/vii ; *Suldenhorn* and *Schrötterhorn*, 12/vii ; *Schwestern* (Pontresina), 22/vii (Mrs. Pilkington joined in the 1st and 3rd expeditions) ; *Piz Bernina* by the *Scharte*, 24/vii. All guideless.

1898. With Pilkington and Walker, *Cime de l'Est* (Dent du Midi), 3/vii ; *Combin de Corbassière* (C. Hopkinson joined in this expedition), 9/vii ; *Pointe d'Otemma* by W. ridge, 12/vii ; *Cols de Bertol* and *d'Hérens*, with the same and R. W. Brant, 15/vii ; all guideless (see S.M.C.J. v. 195 ; 'Alpina', 1915, p. 129). *Rimpfischhorn* from Adler pass, with Brant, 25/vii.

1900. With Walker and H. A. Beeching, *Fünffingerstock* No. 2 (see xx. 116–31), 11/vii ; *Giglistock*, 13/vii ; 1st ascent of peak adjoining No. 2 (with Beeching only, guideless), 14/vii (xx. 267) ; *Sustenhorn* (guideless), 16/vii ; *Steinlimmi*, 17/vii ; *Dammastock* and *Tiefensattel* pass, 18/vii ; *Piz Lucendro*, 20/vii ; *Pizzo Rotondo*,

21/vii ; *Grosse Windgälle*, 24/vii ; *Tödi* traversed, 26/vii ; *Planura* pass, 27/vii (the last five expeditions guideless) ; *Gross Spannort*, 2/viii.

1902. With W. P. Haskett-Smith and H. A. Beeching, without guides, *Brunnenkogel* (Oetztal), 23/vii ; *Ramolkogel*, 24/vii ; *Fluchtkogel*, *Kesselwandspitze*, 26/vii ; *Wildspitze*, 27/vii ; *Weisskugel*, 28/vii ; *Hintere Schwärze*, 30/vii ; *Zuckerhütl* and *Wilder Pfaff*, 5/viii ; *Weisswandspitze*, 6/viii ; *Pflerscher Tribulaun*, 7/viii ; *Blümlisalphorn*, 25/viii.

1903. With C. Pilkington, *Schienhorn* (from Binnental), 7/vii ; with Pilkington and H. Woolley, *Cherbadung* (*Pizzo Cervandone*), 10/vii ; *Ofenhorn*, 12/vii ; *Monte Leone* traversed, 15/vii ; *Rossbodenjoch*, 21/vii ; *Portiengrat*, 24/vii ; *Aiguilles Rouges d'Arolla*, Central and N. peaks, 29/vii ; all guideless.

1904. With R. W. Brant and R. Corrie, without guides, *Piz Margna*, 4/vii ; *Piz Corvatsch* from Sils Maria, 7/vii ; *Piz Tremoggia* ; *Schwestern* (Pontresina), with two ladies ; *Piz Albris*, 18/vii ; *Piz Palü*, 20/vii ; *Piz Tschierva* ; *Piz Morteratsch*, 30/vii ; *Piz Muraigl* (with Brant and two ladies).

1905. New climb on *Craig Dhu* (N. Wales) at Easter, with R. F. Backwell and others (Abraham, p. 353) ; with C. and E. F. Pilkington and Horace Walker, *Rocher de Plassas* and *Dent de Portetta* ; *Pointe de la Glière*, 24/vi ; *Grande Casse* (C. Hopkinson joined in this expedition), 4/vii (see Rucksack Club J. 1–7) ; *Dôme de Val d'Isère* (with E. F. P. only) ; *Cols de Goletta* and *de Bassac Déré*, and *Pte de la Traversière*, 12/vii ; *Bec de l'Invergnan* (with the Pilkingtons only), 14/vii ; *Pollux* (xxiv. 94), 23/vii.

1906. *Albaron*, with H. A. Beeching, 25/vii ; with Beeching, L. W. Rolleston, and Caijrati, *Tsantaleina*, 29/vii ; *Col de la Galise*, 31/vii ; with Beeching, *Becca di Monciair* and *Col du Charforon*, 6/viii ; *E. Levanna* traversed, 8/viii ; *Col de Méan Martin*, 10/viii ; *Aiguille de la Glière*, 11/viii ; *Grande Casse*, 13/viii.

1907. With C. and E. F. Pilkington, *Engelberger Rotstock*, 27/vi ; *Spannörterjoch*, 29/vi ; with the same and H. Woolley, *Düssistock* (C. Hopkinson also joined in this expedition), 6/vii ; *Pizzo Uccello*, 11/vii ; *Zapporthorn*, 12/vii ; *Gross* and *Klein Piz Buin*, 19/vii ; *Gross Litzner* traversed, 20/vii. All guideless. See Rucksack Club J. i. 122. *Fleckistock*, with Woolley only, 27/vii.

1908. With C. and E. F. Pilkington and C. Hopkinson, *Büttlassen*, 2/vii ; with the Pilkingtons and Woolley, *Gspaltenhorn*, 10/vii ; *Wildhorn*, 24/vii ; *Diablerets*, 25/vii (guideless except *Gspaltenhorn*).

1910. With C. Pilkington and Woolley, *Rotwand* (Rosengarten), 6/vii ; *Latemar*, central peak, from Kararsee (C. Hopkinson joined in this expedition), 8/vii ; *Boéspitze*, 13/vii ; *Sorapis*, 17/vii. All guideless.

An artist. Some of his drawings are reproduced, xvi. 425, 428, 433 (1892) ; xvii. 475, 490 (1894). He more than once supplied the menu card for the Winter Dinner, and occasionally contributed to the Club Picture Exhibitions. See xx. 328.

Illustrated W. P. Haskett-Smith's 'Climbing in the British Isles' (all the 23 drawings in vol. i and 25 or 26 of the 31 in vol. ii). See xvii. 284.

Michael Carteighe

(March 1880, d.m. 1910)

Married 1868 Mary, d. of James Litchfield.

Educated School of Pharmacy, Bloomsbury Square, and University College, London, where he became a Demonstrator in Chemistry under Professor A. W. Williamson. In 1863 he qualified as a Pharmaceutical Chemist and was awarded the Pereira Medal by the Pharmaceutical Society, for pharmacy, chemistry, and botany.

In his earlier years he took part in many important chemical and physical researches, one of the most notable being an investigation of the electrical conductivity of metals. He intended to have practised as a consulting chemist, but for family reasons was obliged to take up the management of the well-known pharmaceutical business of Messrs. Dinneford, of which he continued to be the head till his death.

He became a member of the Council of the Pharmaceutical Society in 1866, and was President, 1882–96. During his long connexion with the Society he used his influence in improving the scientific education of pharmacists and raising the status of registered chemists and druggists ; he was actively concerned in the passing of the Pharmacy Act, 1868, by which the sale of poisons was restricted to registered chemists, and in the Society's

efforts to improve the Act by further legislation; also in the passing of the Poisons and Pharmacy Act, 1908, the purpose of which was to restrict the title 'pharmacist' to registered persons as distinct from joint-stock companies carrying on business as chemists and druggists, and to obtain for the Society an improved educational policy.

He was English Secretary of the International Pharmaceutical Congress, 1881; one of the founders of the Institute of Chemistry, and it was largely due to his intimate knowledge of professional chemistry and his personal tact and judgement that the difficulties inherent in the work of founding a new institution of the sort were overcome; he was Vice-President in 1885–96.

He was a Fellow of the Chemical Society and for many years a leading member of the British Pharmaceutical Conference, also an active member for forty years of the Royal Institution, and a member of the Council of the Society of Arts almost continuously either as an ordinary member or (1890–6) as Vice-President, from 1888 to 1908.

Died 30 May 1910. (The Times, 31 May and 4 June; Journal of Society of Arts.)

Q. Alps 1876–9.

Member of the S.T.D., 1888.

1885. Made a partly new route up the E. face of the *Dom*, 20/viii (xii. 419). (He read a paper before the Club on the expedition, xv. 101.)

1887. *Col du Chardon*, 17/viii; *Col du Clot des Cavales*, 21/viii; *Brèche de la Meije*, 23/viii; *Col du Sélé*; *Col de la Temple*, 26/viii; *Col de Chéret* and 1st ascent of the N. (lower) summit of the *Pic du Says*, 27/viii (xiii. 404; S.T.D. Ann. xiii. 56, which gives the date 19/viii); *Meije*, with J. G. Cockin, 30/viii. He wrote a 'Note on Dauphiné in 1887', xiii. 460; cf. S.T.D. Ann. xiii, pp. 50–6, 58–60, 70: Christmas at Pen y Gwyryd, with W. Muir, J. H. Wicks, and Gabriel Taugwalder (C.C.J. iv. 68).

Pierre John de Carteret

(Feb. 1888, resigned 1903, re-elected March 1911, d.m. 1919)

Born *c.* 1850. Son of Pierre de Carteret of Arichat, Cape Breton, Nova Scotia; descended from an old Jersey family.

Married 1872 Henrietta Cave, d. of William Cave of Hartley Wintney, Hants.

Lived at Lausanne till 1893, then came to England, and after two or three years at Dursley, Gloucestershire, settled at Hanham Court, near Bristol.

Chairman of the Borstal Committee of Borstal Prison. Took a great interest in local affairs and in War work.

Died 4 Nov. 1919 (xxxiii. 153–4).

Q. Alps 1880–3 (minor ascents near Lake of Geneva), 1883, 84, 85, 86, 87 ; winter ascents of *Cornet de Bise, Dent d'Oche,* &c.

1888. 2nd winter ascent of *Schreckhorn*, 5/1 (xiii. 466).

1889. *Dent Jaune*, 5th ascent, and probable 1st passage of *Col de la Dent Jaune*, 28/viii (de Breugel Douglas, ' Dent du Midi ', pp. 45, 53, 57).

1890. *Forteresse*, 6th ascent, and *Col de la Dent du Midi*, with W. E. Utterson-Kelso, 25/viii (Émile Joris and de Br. Douglas, pp. 45, 58).

1892. With H. E. Marsh, *Pigne de l'Allée* and the *Bouquetin* (guideless), 16/vii ; *Grand Cornier* traversed, 25/vii, *Lo Besso*, 29/vii (Marsh, pp. 35–51) ; winter ascent of the *Gummifluh*, 30/xii (Marsh, pp. 128–33).

1895. *Meije* traversed, 25/vii (S.T.D. Ann. 1895, p. 83).

William Cayley, M.D.

(April 1887, resigned 1905)

Born 14 Dec. 1836. Son of Edward Cayley of Stamford, J.P., and Frances, d. of Rev. Richard Twopeny.

Educated Shrewsbury, King's College Hospital, and Vienna: M.B. (honours in Midwifery), 1860 ; M.D., 1861 ; F.R.C.P., 1872; Fellow of King's College ; Lecturer on Medicine at Middlesex Hospital Medical College ; Examiner in Medicine for London University, 1887–91 ; and Senior Censor to the Royal College of Physicians.

Consulting Physician to Middlesex Hospital, the Queen's (late North Eastern) Hospital for Children, Bethnal Green, and the London Fever Hospital.

Practised in London till 1904 ; of Richmond, Surrey, from 1905.

Author of ' Croonian Lectures on Typhoid Fever ' ; articles on

Typhoid Fever in Fowler's 'Dictionary of Practical Medicine' and Allchin's 'Manual of Medicine'. Editor of 3rd edition of 'Murchison on Continued Fever'.

Died 17 Dec. 1916. (Who's Who.)

Q. Alps 1868, 69, 72, 73, 74, 76, 79, 85.
1874. *Matterhorn*, 14/vii (Hut book).

Henry Cockburn

(Dec. 1883, C. 1894–7, L. 1894–1906)

Born 29 June 1848. Son of Archibald William Cockburn, M.D., of Edinburgh.

Married 1886 Ella Mabel, sister of G. Chetwynd Stapylton (q.v.).

Educated Edinburgh Academy.

Actuary. Fellow of the Faculty of Actuaries, Scotland, 1874. Fellow of the Institute of Actuaries; President, 1904–6. Chairman of the Life Offices Association, London, 1899–1902.

Manager of the Life Department of the Mercantile Insurance Company, London, 1875–1925.

Q. Alpine.

Original member of S.M.C. Subscriber to New Zealand A.C., 1893.

1884. *Schmadrijoch* (xxxvi. 88–9).

1892. At Easter meet of S.M.C., *S. Gully of Ben Lui*, 1st recorded ascent, with J. H. W. Rolland, 15/iv (S.M.C.J. ii. 129, iv. 109; Guide, vi. 193).

Brought to light the original account of the 1st ascent of the Mittelhorn (Wetterhörner), xvi. 402, xvii. 104. Note on Col. Mark Beaufoy's ascent of Mont Blanc, xvi. 511–12.

For his work as Librarian see xx. 35. Gave valuable aid to Louis Kurz in the bibliographical portion of the Mont Blanc C.G.

John Garforth Cockin

(Dec. 1888, d.m. 1900)

Born 1846, Pendleton, Lancs. Son of James Cockin of Halifax.

Educated Silcoates School. Matriculated at London University, 1863; Intermediate Arts, 1867.

Served his articles with a leading solicitor in Halifax; then commenced to study for the Bar. Obtained a Studentship at Lincoln's Inn, 1870.

Barrister (Lincoln's Inn), 1870; practised at first in London, later in Liverpool; retired from practice some years before his death.

F.R.G.S., 1888.

Died, unmarried, 27 or 28 July 1900 (see below). (In Memoriam, xx. 253.)

Q. Alps 1880–7; Caucasus 1888.

1887. *Col de la Temple*, 19/viii; *Col des Écrins*, 21/viii; *Col de Roche Faurio*, 22/viii; *Brèche de la Meije*, 27/viii; *Râteau*, 27/viii; 19th ascent of the *Meije*, with M. Carteighe, 30/viii (S.T.D. Ann. xiii. 70).

1888. Caucasus: with H. W. Holder and H. Woolley travelled from Naltchik to Bezingi, 13, 14/viii; to the Missess Kosh, 15/viii; attempt on *Dykhtau* (the *Koshtantau* of his Q.; see xv. 173–4, xvii. 219–20), by C. T. Dent's 1886 route, reaching *c.* 16,000 ft., 17/viii; and the 2nd ascent of it by a new route by the N. ridge, 20/viii (C.A.I. Boll. 1889, p. 256); started for *Katuintau* (*Saddle Peak*), but was obliged to abandon the ascent 1¼ hours from the summit, leaving the others to complete it, 24/viii; with Holder ascended and established the practicability of the *Dych* or *Shkara Col*, 29/viii; attempt on *Mishirgi Tau*, 31/viii; and 1st ascent of *Salynan Bashi* (*Salananchera*), 3/ix (xiv. 90, 177).

Cockin also made the 1st ascent of *Shkara*, 7/ix (C.A.I. Boll. 1889, p. 2, 263); ascended the *Salynan Chiran* (*Salananchera*) pass, 11/ix; made the 1st ascent of the E. (2nd) summit of *Janga*, 12/ix (C.A.I. Boll. 1889, p. 267); crossed the *Zanna* pass to Mujal, 17/ix; reached Betsho, 19/ix, and after two attempts (22 and 24/ix) made the 1st ascent of the N. (2nd) summit of *Ushba*, 28/ix (xiv. 93). (Notes by him, xiv. 197.) He read a paper before the Club on the ascent of Ushba (see xiv. 415), reprinted with additional accounts of the ascents of Shkara and Janga, xvi. 477–94 (see p. 484 note).

1889. Ascended the *Weisshorn* alone; *Strahlhorn*; *Pollux*; *Dent Blanche*; *Schreckhorn*; *Lauteraarhorn*; *Viescherhorn* (U. Almer).

1890. Caucasus: with H. W. Holder (q.v.), attempt on *Janga*

from the Kalde Valley, 5/ix ; started from Betsho for an attempt on Ushba, but had to abandon it from lack of time, Holder having to leave for home, 10, 11/ix (xv. 316–19, 513). Cockin stayed a few days longer (xiii. 319) and discovered (ascending it from the E.) the *Kitlod* pass (xv. 254, xvi. 525, xvii. 171 ; see 1893).

1893. Caucasus : with F. W. Newmarch (q.v.), G. A. Solly (q.v.), and H. Woolley (q.v.), attempt on *Ushba*, 19/vii ; 1st passage of the *Kitlod* (*Tiktengen*) pass, 26/vii ; attempt on *Tiktengen* from the Kitlod pass, 28/vii ; attempt to reach Janga or Khatuintau by the ridge separating the Adish and Kalde glaciers (frustrated by bad weather, but an ascent of the latter seemed feasible), 5/viii ; attempt to reach the Janga Gap from the Kalde glacier, 8/viii ; with Woolley, ascent from the S. of the *Nuamquam* pass, 13/viii ; and another attempt on *Ushba* ; all these expeditions were guideless (xvi. 524–6, xvii. 165, cf. xvi. 480, 484, notes).

1896. Caucasus : with H. W. Holder and H. Woolley, 1st ascents of a summit (*c.* 12,500 ft.) on the Kurmuichi ridge, 19/viii ; and *Adyrsu Bashi*, 22/viii ; attempt on *Jailik Bashi*, 25/viii ; 1st ascent of *Gumachi*, 28/viii ; attempt on *Bshedukh*, 4/ix ; with Woolley, 1st ascent of a summit (*c.* 13,000 ft.) between Bshedukh and Khatuintau (Shikilditau), 8/viii ; *Dongusorun* pass ; attempt on *Ullukara* from the S., gaining the watershed between Ullukara and Gadil, 20/ix ; all guideless (xviii. 255–8).

1897. See xix. 499–500.

1898 and 1899. See W. Larden.

1900. On 26 July he made a guideless ascent of the *Weisshorn* with R. W. Brant and R. Corry ; difficulties occurred in the descent and the party spent the night of 26th–27th and all the next day on the mountain. Late on the 27th Cockin continued the descent alone in order to obtain assistance and was killed that evening or, possibly, early on the 28th. A search party reached the other members of the party at 8 a.m. on the 28th (xx. 255).

William Collier, M.D.

(Feb. 1880, resigned 1888)

Born 1856. Son of Henry Collier of Stapleford, Cambridgeshire.

Married Anna, d. of Dr. James Legge, Professor of Chinese at Oxford University.

Educated Sherborne (Football XV, 1871–4); Jesus College, Cambridge (B.A., 1878; represented Cambridge in the Inter-University Sports in the Mile Race, 1875 and 76; in the Three Mile Race, 1877; rode in the Fifty Mile Bicycle Race for Cambridge, 1876), and King's College, London. M.B. Cambridge, 1881; M.D., 1885; M.R.C.S. and L.S.A., 1880; M.R.C.P., 1886; F.R.C.P., 1892.

Served as House Physician and Pathologist at Wolverhampton General Hospital.

At Cambridge till *c.* 1885; then practised as a physician at St. Leonards-on-Sea.

Litchfield Clinical Lecturer in Medicine to Oxford University, 1889–90; reappointed, 1893–9.

Physician to the Radcliffe Infirmary, Oxford; Honorary Consulting Physician to the Hospital for Incurables, Oxford, and the Abingdon Cottage Hospital.

President of the British Medical Association, 1904.

Author of 'Hydrophobia; a Review of Pasteur's Treatment'; 'Health and Athletics'; 'The Preparatory School from the Health Point of View'; 'School Athletics'.

Q. Alps and Peak of Teneriffe.

Member of F.R.C.C.

Edward Theodore Compton

(Dec. 1880, d.m. 1921)

Born 29 July 1849, Stoke Newington. Son of Theodore Compton of Winscombe, Somerset, and Elizabeth, d. of George Harrison of Lincoln's Inn; brother of W. C. Compton.

Married 1872 Auguste Amalie Ploetz of Munich.

Educated Friends' School, Southcote, near Winscombe.

Artist. Showed his talent for painting very early; at 15 (1865) was awarded a prize for a picture 'Moonlight on Derwent Water'. In 1867 the family moved permanently to Germany and E. T. C. (who was self-taught) painted in the Eifel. First visited the Alps (Oberland), 1868. In 1869 spent six months in Switzerland, climbed the *Titlis* with his brother, and determined to be an Alpine painter; went on to Munich to study art, 1869–70.

In 1870 visited the Bavarian Highlands.

1871. First big picture, 'Bayerischer Boten Schlitten', exhibited.

1872. Honeymoon in the Alps; from *Pizzo Bianco* watched the Pendlebury-Taylor ascent of Mt. Rosa.

In 1874 settled at Feldafing, on the Starnberger See; built his studio, 1877, and his house, 1878.

He exhibited 30 pictures (10 at the Royal Academy, 9 at the exhibitions of the New Watercolour Society) between 1879 and 1891 (Graves's 'Dictionary of Artists'), and frequently at the Royal Academy and elsewhere in later years, but his artistic and his climbing careers are so closely combined that it is impossible to treat them separately. Some of his Royal Academy pictures are referred to below.

Died 22 March 1921. (In Memoriam, with Portrait, xxxiv. 139–43, by J. W. Wyatt and G. Yeld, and see p. 190; M.A.V. 1921, pp. 24–6, by Karl Blodig; Ö.A.Z. 1921, pp. 185–7, by Hans Wödl; see also Ö.A.Z. 1919, pp. 113–15.)

Q. Alps 1873, 76, 78, 79.

Member of S.A.C., Bern Section, 1903; the Austrian A.C.; D.Ö.A.V., Munich Section, 1880; Soc. Alp. Trid. (1886 or 87).

1878. Made the 1st direct ascent from the Höllental of the *Zugspitze*, 15/vii (x. 459; E. i. 133). His picture 'Höllenthal' attracted much notice at the International Exhibition at Munich in 1879.

1879. *Tour Sallières* (Isaac Granaud): Lofotens and Norway.

Made his first appearance at the Royal Academy with a picture of 'The Jungfrau from the Roththal'.

1880. Repeated the ascent of 1878 of the *Zugspitze* (E. i. 133). Visited Norway and the Lofoten Islands.

1882. 2nd winter ascent of the *Zugspitze*, 29/i (E. i. 134; notes by him, x. 495; M.A.V. 1882, p. 49).

After ascending *Cima Tosa* by the usual route, made the 1st ascent of the *Torre di Brenta*, 24/vi (xi. 122, 309; E. iii. 326); attempt on the *Busazza*, 27/vi (xi. 122; E. ii. 232); 2nd descent of *Adamello* viâ *Passo d'Avio*, 28/vi (xi. 123; E. ii. 218); picture in Roy. Acad. of Mandron Glacier, 1883; reached the gap between Cima Tosa and Crozzon di Brenta from the Vedretta dei Camosci, and made the 2nd ascent of the 3rd (lowest) summit of *Crozzon di Brenta* (3,105 m.), returning over *Cima Tosa* (this con-

stituted a new route up the latter peak), 19/vii (xi. 123, 315 ; E. iii. 306, 310) ; attempt on *Pizzo (Cima) di Molveno*, 20/vii (xi. 317 ; E. iii. 328, 329) ; 1st ascent of *Cima Brenta Bassa*, 21/vii (xi. 123, 317 ; Ö.A.Z. iv. 265 ; E. iii. 302) ; 1st ascent by the S. face of *Cima di Brenta*, 22/vii (xi. 123, 318 ; E. iii. 333–4).

1883. Ascended *Cima Tosa* in May (xi. 320).

Visited Corsica with F. F. Tuckett ; starting from Olmi, made an accidental new pass near the Col dell' Ondella and spent a night out, 25/v ; ascended *Monte Cinto*, descending to Calacuccia, 26/v ; *Bocca Rinella* to Corte, 30/v ; *Forca della Laccia*, 31/v ; *Monte Pietro* traversed, 2/vi (xi. 449–59 ; paper by Tuckett). Stayed five or six weeks sketching. Long afterwards he wrote a paper on this tour, ' Fourteen Days in Corsica ', with three illustrations (Ö.A.Z. xiv, p. 75).

Resumed his exploration of the Brenta group : 1st recorded ascent of *Pietra Grande* and its N. summit, *Cima di Vagliana* (*Mondifra I*), 14/vii (E. iii. 345) ; traversed *Cima Falkner* (*Rocca di Vallesinella*), ascending by a new route from the W. and descending by the *Bocca della Val Persa*, 17/vii (E. iii. 335, 339) ; 1st ascents of *Monte Daino*, 19/vii (E. iii. 302) ; and *Cima di Ceda*, 20/vii (E. iii. 313) ; attempt at a passage from the Val d'Agola to the Val d'Ambies, and ascent of *Cima di Vallon*, 11/ix (E. iii. 320). He wrote a paper on these expeditions and some of those of 1882, ' Expeditions in the Brenta Group ', with a sketch-map of the group and panorama of it from Monte Gazza, xi. 307 ; the paper also appeared in German in Z.A.V. xv. 194, with two additional illustrations (which are in vol. xiv).

1885. Note on a 'Föhnsturm im Loisachthal' 14–18/x, M.A.V. 1885, p. 261.

1886. 1st passage of *Sella della Tosa*, 6/viii (E. iii. 313 ; Ann. Alp. Trid. xiii. 438) ; at meeting of Soc. Alp. Trid. at Rabbi, 8/viii ; joined in official ascents of *Cima Venezia*, 9/viii, and *Monte Cevedale*, 10/viii (Ann. Alp. Trid. xiii. 7, 221, 335, 496 ; he contributed some illustrations to these papers). With K. Schulz (q.v.) and others, without guides, starting from the Refugio di Lares, ascended in succession the *Caré Alto*, *Monte Folletto*, and *Corno di Cavento*, crossing the *Passi di Lares* and *di Lobbia alta* to the Leipzig Hut, 13/viii (xiii. 567 ; E. ii. 184) ; with Schulz, *Corno* and *Passo di Saborno* to Edolo ; *Passo di Gallinera*, *Forcellina Giuello*, and 1st ascent of *Corno Giuello* (*Cima Rossa*),

19/viii (E. ii. 229); *Monte Mandron* by a new route, 20/viii (E. ii. 214; contributed illustrations of Caré Alto and Adamello to Schulz's paper, Z.A.V. 1887, p. 343); *Schwalbenkofel*, 8/x (E. iii. 508); *Elferkofel* with a variation, 11/x (E. iii. 529); *Zwolfer*, 12/x (E. iii. 521). Paper 'Aus den Sextener Dolomiten', Alpenfreund, 1891, p. 41 (apparently read to Munich Section, M.A.V. 1887, p. 137–8).

1887. With K. Schulz, *Feldkopf* (*Zsigmondy Spitze*) from the Gunkel, without guides (4th ascent by this route, 26/viii (E. iii. 59); 1st ascent of the *Fermedaturm*, 4/viii (x. 333; Schulz, Z.A.V. 1888, p. 377, with illustration by E. T. C.; E. iii. 373); *Grohmann Spitze* traversed (7th ascent, by a partly new route), 5/viii (E. iii. 359); *Passo di Cornisello* and 1st ascent by travellers of *Cima di Scarpaco* (guideless), 12/viii (E. ii. 241); *Presanella* (guideless) (E. ii. 237), 14/viii.

1891. *Zugspitze*; *Grünstein-sattel*; *Brunnkogel* (?); *Hohe Wilde*; *Mösele*; *Wendelstein*; *Gr. Rettenstein*; *Maurertörl*; *Lasorling*.

1892. One of the *Passi di Cacciabella*, 21/vi; *Monte Motterone*, 28/vi; *Tagliaferro*, 2/vii; *Gemshorn*, 3/vii; *Col de Baranca*, 5/vii; *Pizzo Tignaga*, 7/vii; *Colle della Crocetta*, 11/vii; *Col delle Fenestre* (crossed and recrossed), 20, 21/vii; *Passo di Fenestrelle*, 26/vii. (These two expeditions resulted in two illustrations for L. Purtscheller's paper on the Maritime Alps, Z.A.V. 1893; see p. 289 for his meeting with P. at Entraque, 18/vii. P. says he had already been careering round all parts of the W. Alps on a bicycle for six weeks.)

Coupe de Monei, 1st ascent of the *Tour de St. Ours* and *Col de Monei*, 5/viii; *Bocchetta di Monte Nero*, 6/vii; *Col Bardoney*, 8/viii; all with G. Yeld (q.v.) (xvi. 317; paper by Yeld, xvii. 180–93, to which he contributed three illustrations); *Gr. Paradis* traversed, 9/viii (paper, 'From Ivrea to the Gr. Paradis', read to Austria Section; see Nachrichten, 1893, No. 3, pp. 4–5).

Mont Carmel and *Grand Golliaz*, 10/ix; *Aiguille de la Za*, 20/ix (Roy. Acad. picture, 1894, 'Mountains of Valpelline from Mt. Brulé'; see xvii. 214); *Mutthorn* (Furca), 25/ix (Ö.A.Z. xiii. 280).

1893. *Schönfeldspitze*, *Madelegabel*, *Kratzer*, *Daumen*, *Wengenkopf*, *Nebelhorn* (see xvii. 80), *Hohelicht*, *Wildmännli* (*Bockar-Kopf*) (Allgäu Alps; see E. i. 58–63, 84–5).

1897. In two days' ridge-wandering visited the principal summits on the Brienzer Rothhorn ridge (*Wilerhorn, Arnifirst, Br. Rothorn, Riederhorn, Augstmattenhorn, Harder*) from the Harder to the Brunig pass (his Academy picture in 1898 was 'The Bernese Alps from the Brienzer Rothhorn', and cf. xix. 354); *Taschenspitze* (1st travellers' ascent), pt. 2,753; *Schober* (new Gratwanderung), 22/viii; *Hafner*, descent viâ *Lanischscharte*, 24/viii; *Rotguldenscharte*, 25/viii; *Tschareck–Kareck* and ascent of *Steinwandeck* (the last peak of Hafner group eastwards), 27/viii (paper by his companion, Frido Kordon, on the Hafner group, Z.A.V. 1898, pp. 244–64, to which E. T. C. contributed 4 full-page illustrations, 12 in the text, and a panorama of the Hafner group; to his own paper he gives 1 full-page coloured (frontispiece of the volume), full page, 1 panorama, 7 in text); *Col degli Orsi*, 1/ix; *Cima dei Forni*; *Cima di San Giacomo*; *Pizzo Tresero*, pt. 3,433; and *Sasso di Chiarena* (new Gratwanderung), 6/ix; *Cevedale–Eissee* pass; new Scharte immediately N. of N. *Vajoletturm–Lämmerköpfe, Vajoletspitze.* (Paper on expeditions of 1 and 6/ix, Z.A.V. 1898, p. 270.)

During this year he visited the Hebrides and read a paper on them (not reprinted) before the Leipzig Section of D.Ö.A.V. (see Leipzig Publications, No. 14, p. 5).

1898. *Tödi*, with L. Purtscheller, K. Blodig, and E. H. Compton, 25/vii; to Maderanertal (by *Planura* pass probably), 26/vii (Z.A.V. 1899, pp. 184–5, 187–8, in a paper by Purtscheller on the Alps of Glarus, to which E. T. C. contributed 11 illustrations; drawings of the Gross Sustenhorn and Fleckistock, Ö.A.Z. 1898, pp. 142, 143, probably belong to this season); 2nd ascent by a new route of *S. Reiterjochspitze* (Latemar group, see 1899), Z.A.V. 1900, p. 318.

1899. *Santner* pass; *N. Vajoletturm–Pala della Fermeda*; *Forcella di Larsec*; *Passo di Scarpello* (6 views obtained during these expeditions appeared in a paper by H. Forcher-May and T. Christomannos on the Rosengarten group, Z.A.V. 1899, p. 321); *Muttekopf*; *Parzinnspitze–Steinkarspitze*; *Bockkarspitze* (1st travellers' ascent) and *Kogelseespitze* (new ascent from NW. and 1st traverse), with L. Purtscheller and E. H. Compton, guideless, 17/vii; *Dremelspitze* (new ascent from W.), with Purtscheller, guideless, 18/vii (Ö.A.Z. 1900, p. 309; Z.A.V. 1901, pp. 220, 223, 229); *Trittköpfe.* These expeditions resulted in 9

illustrations to a paper by Dr. Uhde Bernays, 'Das Parzinn in den Lechthaler Alpen', Z.A.V. 1901, p. 216, including a panorama from Kogelseespitze. Purtscheller, who died early in 1900, had himself intended to write this paper. *Unterwaldgrubspitze*; *Kapelljoch*; *Gaisspitze*; *Scesaplana Panulerschrofen*; *Gorvoon–Naafkopf*. With A. F. Kordon, *Gmeineck*, 18/viii; *Hohe Leier*, 19/viii; *Riekentörl Ried Bock*, 20/viii; *Zauberernock–Grosses Reisseck*, 21/viii; *Hochkarscharte–Tandlspitze* or *Winkelnoch–Treska Scharte*, 22/viii; *Dossener* or *Vallnitzer Scharte*, 23/viii (these expeditions produced 15 illustrations for Kordon's paper on the Reisseck group, Z.A.V. 1900, p. 227); *Steinerne Jäger*; *Eiblkopf* and *N. Fünfspitze*; *Versic* (whence 4 illustrations for A. Gstirner's paper on the W. part of the Julian Alps, Z.A.V. 1900, p. 395; 1901, pp. 319–56; 1905, p. 355); *Valentintörl–Rauchkofel–Maderkopf*; *Coglians*; repeated for the first time, in the reverse direction, H. Wödl's traverse of *Monte Canale* and the *Wolayer Seekopf*, making a new traveller's descent of Monte Canale, –/ix (Z.A.V. 1901, p. 390); *Diamantiditurm* and *E. Latemarspitze* (whence 5 illustrations for paper on the Latemar group, Z.A.V. 1900, p. 280); *Birnhorn–Kuchelhorn* in the Leoganger Steinberg; *Hinterhorn–Hörndl* in the Loferer Steinberg (whence 7 illustrations for papers by H. Cranz on the two Steinberg groups, Z.A.V. 1900, p. 211; 1901, p. 246); *Kaprunertörl*; *Kalser Tauern*; *Gross-Glockner*.

1900. *Roteck*; *Eisjöchl–Grübjöchl*; *Spronserjoch–Langseejoch* (whence 12 illustrations for G. E. Lammer's paper on the Texel group, Z.A.V. 1901, p. 298; 1902, p. 281).

Sulegg–Bellenhöchst; *Männlichen–Tschuggen*; *Lauberhorn*; *Klein Lobhorn*; *Schilthorn*.

Rosengartenspitze; *Kesselkogel*. *Goldzechscharte*; *Hintere Modereck*; *Gjaidtrogshöhe*; *Sonnblick–Niederscharte*; *Feldseekopf–Geiselkopf–Grellspitze* (whence 9 illustrations for H. Gruber's paper on the Goldberg group, Z.A.V. 1902, p. 249).

Weissplatten–Scheienfluh, 17/ix; *Madriserhorn* and *Madrisa*, 18/ix, both with K. Blodig (Z.A.V. 1901, p. 289; E. T. C. contributed 14 illustrations, secured this year and 1899 for Blodig's paper on the Rhätikon, Z.A.V. 1900, p. 211; 1901, p. 268); *Gross-Hundstein*; *Wildkogel*; *Imbachhorn*; *Rosskarscharte* (?); *Kitzbühlerhorn*. Winter ascents of *Monte Baldo*, 8/xii (R.M. 1901, p. 57); *Cima Loghino* (?)–*Cima Piazzetta*.

1901. *Monte Guil* (?), *Monte Comaro* (?). *Jochspitze* by a partly new route—*Gross Elendkopf–Hochalmspitze*, 17/vii (Z.A.V. 1909, p. 245) ; *Schwarzhorn* (query *Schwarzkopf* ?) ; *Rauchzügl* (?). *Fletschhorn* and *Laquinhorn*, 6/viii ; *Weissmies*, 7/viii, guideless, with K. Blodig and H. Wödl (paper by H. W., Ö.A.Z. 1901, p. 245 ; see illustrations by E. T. C. in Z.A.V. 1902, p. 208 ; 1905, pp. 207–9) ; *Südlenzspitze* and *Lenzjoch*, with the same, 9/viii ; *Nadelhorn–Stecknadelhorn–Hohberghorn–Dürrenhorn*, with Blodig, 18/viii (see 1903) ; *Weissmies* ; *Egginergrat*. *Pflerscher Tribulaun*.

Roy. Acad. picture, 1902, ' After the Procession, Saas Fee '.

1902. *Ulrichshorn–Balfrin*, 23/vii ; *Strahlhorn–Rimpfischhorn*, 26/vii ; *Alphubel*, 28/vii (see 1903) ; *Monte Rosa*, *Dufourspitze–Grenzgipfel–Zumsteinspitze–Punta Gnifetti–Parrotspitze*, 30/vii ; all with Blodig (Ö.A.Z. 1902, pp. 310–11). *Klein Lafatscher* (Hallthaler range). *Monte Nambino* ; *Monte Serodoli*, *Bocca Tuckett* ; *Passo Buffione* (List Ö.A.Z. 1903).

1903. *Hochfeiler–Hochferner*.

Dom, 31/vii (see below) ; *Théodul* pass, 1/viii ; *Château des Dames* traversed, 2/viii (paper by Blodig, with illustration by E. T. C., Ö.A.Z. 1904, p. 1) ; *Dent d'Hérens*, 4/viii ; all with Blodig (Ö.A.Z. 1904, p. 19 ; B. wrote a paper describing among other expeditions those of 9 and 18/vii, 1901, 23, 26, and 28/vii, 1902, and 31/vii, 1903 ; Z.A.V. 1903, pp. 212–36, 1904, pp. 172–206, 1905, p. 195, with illustrations by E. T. C.) ; *Col du Géant* ; *Les Flambeaux* ; *Brévent* ; *Cadin di Landro*.

1904. Drew a panorama from the Kölnerhütte, near the Tschägerjoch, which was published in the following year by the Rheinland Section of D.Ö.A.V. (This is the only glimpse of his activities that I have obtained this year.)

1905. *Mont de la Brenva*, 18/vii ; 1st guideless ascent and 1st descent (by a new route down the E. face) of *Aiguille Blanche de Peuteret*, 20/vii, both with Blodig alone (R.M. 1905, p. 216 ; paper by E. T. C., with 2 illustrations, xxiii. 115–19 ; see 1908) ; *Monte Viso* ; and *Kresshorn* (also with Blodig) (Lists, 'Alpina', 1906, p. 24 ; Ö.A.Z. 1906).

1906. *Dôme de Miage* and *Aiguille de Béranger*, 16/vii, and *Aiguille des Glaciers*, 17/vii, both with Blodig (see 1908).

1907. *Mittaghorn*, *Egginer* ; *Südlenzspitze*, *Nadelhorn*, *Adlerhorn*, *Ortlerspitze*, *Vertainspitze* ('Alpina', 1908, p. 60).

1908. *Rocher du Mont Blanc* (1st ascent of highest summit),

with Blodig, 12/vii (xxv. 358; Kurz Mont Blanc). (Blodig wrote a paper on 'The Ice World of Mont Blanc', describing amongst other expeditions those of E. T. C. in 1905, 06, 08, with 7 illustrations by E. T. C., Z.A.V. 1908, p. 210; 1909, p. 236.) *Triglav–Rjovina* (see E. iii. 580)–*Cmir*, resulting in 2 illustrations, Z.A.V. 1909, pp. 298, 307. *Stawipfel* (!). *Grosser Priel, Sturzhahn* (Todte Gebirge, see E. i. 359, 364).

N. Wales: *Snowdon–Lliwedd*; *Tryfan–Glyders*.

1909. *Bischofsmütze*; *Neualmscharte*; *Untere Klafferscharte–Greifenberg* (Dachstein district). *Zwerfenberg* (?). With Blodig, *Kessispitze*, 1st ascents of *Kessikopf* and *W.* and *E. Garnera-spitzen*, 13/ix; *Hochmaderer*, *Valgragisspitze*, 1st ascents of *S. Valgragisspitze*, *Valgragiskopf*, *N.* and *S. Valgragistürme*, 16/ix; *W.* and *E. Plattenspitze*, 1st ascent of *S. Plattenturm*, *Klein-Seehorn* (both peaks), 17/ix; 1st ascent of *N. Plattenturm*, 18/ix (Ö.A.Z. 1910, p. 300; paper by Blodig, Z.A.V. 1910, pp. 183–200, with 4 illustrations by E. T. C.).

1911. *Cromerspitze*, 11/vii; *Glotterspitze*, *Verhupspitze*, *Hintere Lobspitze*, 13/vii (paper by Blodig, Z.A.V. 1912, pp. 199–202 and 209–13, with 3 illustrations by E. T. C.).

Col de Susanfe; *Grand Combin*; *Mont Vélan* and *Col de Mouleina*; *Cols de Fenêtre* and *du Ban d'Array*; *Col du Géant*.

1912. *Hohes Rad*; *Dreiländerspitze*, *Schartenspitze* (?), *Schneeglocke*, *Silvrettahorn*; *Verstanklahorn*; *Signalhorn*.

1913. *Col des Écandies*, *Col d'Orny*, 4/vii; *Col des Plines*, *Fenêtre de Saleinaz*, 14/vii.

The *Stou* (Karawanker Alps), 4/ix; *Hochstadl*, descent by *Laserztörl* to Lienz, 12/ix; *Dossener Scharte* and *Sauleck*, 18/x.

In 1919 he was fêted by his neighbours at Feldafing on his seventieth birthday; official deputations waited on him and he was made an Honorary Member of the Munich Section of the D.Ö.A.V. and presented with a medal portrait of himself in relief, bearing on the reverse side a reproduction of his Royal Academy painting of the Jungfrau (xxxiii. 69; M.A.V. 1919, pp. 74–5, 94). Shortly afterwards he made an ascent of the *Gross-Glockner*.

Probably no one ever combined so much hard climbing with so much hard work as an Alpine landscape painter.

In 1879 he was hailed as a new contributor to the Club Winter Picture Exhibitions and for the next 20 years he hardly missed

one of them. Subsequently he contributed fairly often ; till 1910 at least. He had a ' one-man show ' in Feb. 1889 (xiv. 328–9) and there was a Memorial Exhibition of his work in Dec. 1922 (xxxv. 122–3). Among many other references in the notices of the exhibitions the following may be mentioned : xii. 168, 463 ; xvi. 344 ; xix. 354.

Some of his illustrations to the A.J. have been mentioned above (1883, 1892, and 1905) ; see also xxiii. 595, 597 (from photographs), xxvi. 231, 261.

His great work was done for the Z.A.V. : he contributed to all the 30 volumes from 1883 to 1912 with the exception of 2 or 3 ; about 370 illustrations in all. They include 2 drawings of little-known corners of the Karwendel region, presented with an explanatory note (1884), about 20 imaginary climbing scenes in L. Purtscheller's paper on the ' Development of Alpinism ' in the Silver Jubilee volume (1894) ; 6 pictures of D.Ö.A.V. Club huts in the same volume ; and a representative Alpine landscape in a paper on ' Alpine Art ' (1908, p. 35 ; cf. p. 52). The rest are illustrative of mountaineering papers ; more than half of them have been referred to above in connexion with his own expeditions. Of the remainder a good many were drawn from photographs or from sketches by other people, but a large number were drawn by him from nature. For some instances of special artistic services to the Munich Section of D.Ö.A.V. see M.A.V. 1894, pp. 64, 194. He also contributed to the Ö.A.Z. (about 20 illustrations, 1888–1912), the Deutsche Alpenzeitung, and the Leipzig Illustrierte Zeitung, notably to special numbers on the Ortler group (1890), Gross Glockner (1900), and Hohe Tatra (1905).

Was one of the contributors to a set of postcard views of mountain scenery issued in 1903, and was solely responsible for a similar set of views of Alpine scenery (24 in all) published in Munich, 1911–12 (see xxi. 488, xxvi. 186, 233). Illustrated, wholly or in part, the following books, ' Switzerland, its Scenery and People ' (1881) ; Emil Zsigmondy's ' Im Hochgebirge ' (1889 ; see K. Schulz) ; ' Stubei-Thal und Gebirg, &c.' (1891) ; ' Sulden-Trafoi ', by Th. Christomannos (1895) ; Hans Meyer's ' Across East African Glaciers (Kilimanjaro) ' (1896) ; R. von Lendenfeld's ' Aus den Alpen ' (1896) ; J. C. Heer's ' Vorarlberg und Liechtenstein ' (1906) ; Max Förderreuther's ' Die Allgäuer

Alpen' (1907); 'Über Fels und Firn: Bergwanderungen von L. Purtscheller' (1901; see xxi. 63).

Is represented in A. Steinitzer's 'Der Alpinismus in Bildern' (1913; see xxviii. 117).

A volume of 24 coloured plates, entitled 'Berchtesgaden', the joint work of him and his son, was issued after his death in 1923.

He wrote an In Memoriam notice of Ludwig Purtscheller, xx. 133, and an article in Adolfo Hess's 'Collection of Saggi sulla psicologia dell' Alpinista'.

Sir William Martin Conway

(June 1877)

Born 12 April 1856, Rochester. Son of Rev. William Conway, Canon of Westminster, and Elizabeth, d. of Adam Martin, M.D., of Rochester.

Married 1884 Katrina, d. of Charles Lambard, of Augusta, Maine, U.S.A.

Educated Repton and Trinity College, Cambridge; 3rd Class in the Historical Tripos, 1878.

After leaving Cambridge (*c.* 1880) spent some time in travel, visiting the most important libraries in Europe and collecting materials for his work on 'The Woodcutters of the Netherlands in the Fifteenth Century', written at the suggestion of Henry Bradshaw, and published 1884.

University Extension Lecturer (on the History of Art), 1882–5. Professor of Art, University College, Liverpool, 1885–8. While at Liverpool he assisted in organizing an association for the advancement of Art, and published a work on 'The Gallery of Art of the Liverpool Royal Institution' (1885).

In 1889, travelled for 9 months in Egypt, Syria, Greece, Turkey, Asia Minor, Algiers, and the South of Spain (see 'The Sport of Collecting', ch. vi and pp. 102–5).

Published 'The Artistic Development of Reynolds and Gainsborough' (1886); 'Early Flemish Artists and their predecessors of the Lower Rhine' (1887); 'The Literary Remains of Albrecht Dürer' (1889); and 'The Dawn of Art in the Ancient World' (1891; probably the result of the journey of 1889).

Then followed a period of strenuous travel (see below), in the

intervals of which he contested Bath as a Liberal (1895) and was Chairman of the Managing Committee of the Incorporated Society of Authors, 1895, 98, and 99.

Slade Professor of Fine Art at Cambridge University, 1901–4; founded the Arundel Club, 1904. To this period belong the publication of 'The Domain of Art' (1902); 'Early Tuscan Artists' (1902); 'Great Masters' (1904).

In 1905 bought Allington Castle, near Maidstone, and a year later began its restoration, which was thenceforward one of his principal interests. See 'The Sport of Collecting', ch. xi. This book appeared in 1914. Its title explains itself and it is frankly autobiographical.

Another interest which belongs to this period is the early history of Spitsbergen (see below, 1896, 97), a subject on which he contributed numerous notes and articles to the G.J. 1899–1903. His researches finally resulted in two books, 'The Early Dutch and English Voyages to Spitsbergen in the XVIIth Century' (Hakluyt Society, 1904; reviewed G.J. xxvi, p. 326) and 'No Man's Land: a History of Spitsbergen from its Discovery in 1596 to the Beginning of the Scientific Exploration of the Country' (1906; reviewed G.J. xxviii. 174); see G.J. li. 245–9. He read a paper before the R.G.S. on 'The Political Status of Spitsbergen' in Dec. 1918 (G.J. liii. 83–91), and reviewed R. Rudmose Brown's 'Spitsbergen', G.J. lv. 227. Wrote the article on 'Spitzbergen' in 'Encyclopaedia Britannica', 10th ed. (1902), also (in part) that on Bolivia.

During the war he published 'The Crowd in Peace and War' (1915) and 'The Abbey of St. Denis' (1916). After the war he went on his travels again and resumed the sport of collecting (see G.J. lxiii. 187–8): his first journey gave rise to 'Palestine and Morocco' (1923, reviewed G.J. lxiii. 356). He described the 2nd, made with a very different object in 1924, in 'The Art Treasures of Soviet Russia' (1925, reviewed G.J. lxvi. 263), of which he was able to bring back a remarkably cheerful report.

M.P. (Unionist) for combined English Universities, 1918.

Trustee of the Wallace Collection, 1916–24; Director-General of the Imperial War Museum, 1917; Trustee of the National Portrait Gallery, 1922; President of the Kent Archaeological Society, 1923; F.S.A.; V.P., 1918. F.R.G.S., 1893; C., 1893, 1907–8, 1914–17, 1920–4; V.P., 1918–20; awarded the Founder's

Medal of the Society, 1905 (G.J. xxvi. 94–5). Awarded a Gold Medal at the Paris Exhibition, 1900.

Q. Alpine.

Hon. Member of Y.R.C. ; Appalachian Mountain Club (1896) ; C.A.F. (1898). President of Alpine Ski Club, 1908–9.

1872. *Breithorn* (xxxii. 117).

1875. *Wilder Freiger*, 31/vii ; *Botzer*, 14/viii ; partial ascent (unguided) of the *Wilde Kreuzspitze*, 21/viii ; *Hochfeiler*, 28/viii. He described the first three of these expeditions in ch. xvi of 'The Alps from End to End' (see below, 1894).

1876. Made an ascent from the W., 5/viii, and with J. H. Wainwright and H. C. J. Warren, the 2nd passage, with a variation, of the *Fuorcla Prievlus*, 8/viii (Bernina C.G. ii. 99 ; he wrote a paper on the two expeditions, Y.R.C.J. ii. 1, entitled 'The Morteratschsattel') ; *Piz Palü*, 9/viii (returned to Pontresina and went off same day to sleep out for Piz Roseg) ; *Piz Roseg*, 10/viii ; and, with Warren, a variation on *Piz Bernina*, 17/vii (Bernina C.G. ii. 86, 114) ; *Piz Glüschaint*.

1877. With G. Scriven, *Monte Rosa*, 2nd ascent from the Zumstein Sattel by the SE. arête, 23/vii (viii. 338, 400, xiii. 203) ; *Matterhorn*, 6/viii.

1878. Traversed the *Balfrin* by the NW. arête and SW. face, both new routes, 13/vii (ix. 110, x. 341) ; 1st ascent of the *Egginerhorn* by the SE. face, with W. Penhall and G. Scriven, 18/vii (E. Pennine C.G., p. 93) ; *Castel Franco Weisstor* by the N. (F. F. Tuckett's) couloir, 5/viii (xi. 198) ; *Rothorn*, new route by the W. face, 13/viii (ix. 108) ; new route from the Grenz glacier to the 'Sattel' of *Monte Rosa*, 17/viii (ix. 108) ; with Penhall, 1st ascent of the *Dom* from the Domjoch by the S. arête, 19/viii (ix. 110 ; he read a paper before the Club on this expedition, xv. 108 ; see 1890).

1880. 1st passage of the *Balenfirnjoch*, with A. Caddick, 10/viii (x. 97, 343).

1881. Made a variation on the *Balenfirnjoch* (guideless), 10/viii. He wrote a paper on 'The Northern District of the Saas Grat', x. 332, mainly historical, describing also his expeditions of 13/vii/1878, 1880 and 81. With G. Scriven, 2nd recorded ascent, by a new route, of the *Wellenkuppe*, 13/viii (x. 359).

Early in this year he published 'The Zermatt Pocket-Book, a

Guide Book to the Pennine Alps from the Simplon to Arolla' (reviewed by F. Gardiner, x. 176), the precursor of the Climbers' Guide Series.

1882. Contributed some notes on 'The Routes up the Rossbodenhorn', supplementing the information given in the 'Zermatt Pocket-Book', x. 489. 2nd passage of the *Fillarjoch*, 3/vii (xi. 116, 195; Eastern Pennine C.G., p. 68); 1st recorded passage of the *Fee* pass, with an ascent of the *Allalinhorn*, 18/vii (xi. 117). In connexion with the former expedition he read a paper before the Club on 'The Passes over the Weissthor Ridge', xi. 193.

1884. 1st ascent of the *Cresta del Soldato* (*Punta senza Nome*), 11/viii (Eastern Pennine C.G., p. 43); new route up the *Vincent Pyramide* and 1st ascent of the *Balmenhorn*, 14/viii; *Parrotspitze* and *Ludwigshöhe* and new route up the *Schwarzhorn*, 16/viii. He wrote a paper, in which he began his attack on 'Philistine climbers', on these peaks and the Punta Vittoria, Punta Giordani, and Signal Kuppe, entitled 'Monte Rosa from the South', xii. 65.

1886. With W. A. B. Coolidge, new routes on *Piz Cherbadung* or *Pizzo Cervandone*, 15/vii (xiii. 126, 163); *Ritter* pass, 16/vii; *Monte Leone* and *Kaltwasserjoch*, 17/vii; 1st ascent of *Zumsteinspitze* from the Grenz Sattel, 22/vii (xiii. 125, 163, xv. 454). With G. Scriven and H. H. West, 1st passage of the *Ulrichsjoch* or *Windjoch*, 30/vii (xiii. 125, 163). He read a paper before the Club (see xiii. 212) dealing in part with these expeditions, and mainly with the past and future of climbing in the Alps, entitled 'New Routes in 1886 and the Question of New Routes in General', xiii. 161. *Dent Blanche* (xxxii. 117).

1887. *Nadelhorn*, 9/vii ('Sport of Collecting', p. 47); 1st recorded ascent of the *Mittelrück*, with G. Broke and G. H. Rendall, 25/vii (xiii. 415); *Ofenhorn*; *Bocchetta di Val Maggia*.

1890. *Aiguille du Tacul*; *Col du Géant*, with E. A. Broome (intending to try the Dent du Géant); returned by Col de la Seigne; *Mont Blanc*, with D. W. Freshfield; *Aiguille d'Argentière*, with C. E. Mathews; traverse and new descent of *Mont Vélan*, with E. Carr and F. M. Davies, 16/viii (xv. 301); 1st passage of the *Col Vert de Valsorey*, with Davies, 18/viii (xv. 301, xviii. 126); with Carr and Davies, *W. Col de Blancien* (he believed himself to be crossing the E. Col, hence his errors in xv. 261, which are corrected C.A.I. Boll. 1899, pp. 111–14; cf. xxii. 218) and *Col de Sassa*, 19/viii; 1st passage of the *Col de Créton*, 20/viii

(xv. 305, xvii. 553); with W. A. B. Coolidge, 1st ascent of the *Innere Locker Spitze* or *Stellihorn*, 23/viii (xv. 308, xvi. 44, xvii. 63, 206, 377); *Wasenhorn*, new descent, 27/viii (xv. 312); *Pizzo Valgrande di Valle*, 30/viii; accidental variation on the *Ritter* pass, 31/viii (xv. 312); *Sasso del Ferro*; *Monte Nudo*. He described these expeditions in a provocative paper on 'Exhausted Districts', xv. 255 (Nov. 1890), in which he drew attention for the first time to the Faudéry Morion ridge and carried on the attack on 'Centrism' which he had begun in his paper on 'The Dom from the Domjoch' (March 1890, xv. 108). He elaborated it still further in a paper which he read before the Club in December, entitled 'The Exploration of the Alps' (xv. 396); the MS. of this paper was destroyed and it appeared in rather a different form, xv. 397–403 (see p. 397 note), under the title 'Centrists and Excentrists'. See Introduction to E. Pennine C.G.

In 1886 he brought forward a scheme for the publication under the auspices of the A.C. of a series of 'Climbers' Guides' dealing with all the divisions of the Alpine Chain. Nothing resulted from this proposal and he accordingly determined to revise, independently, the 'Zermatt Pocket-Book', and to extend it so as to include the whole of the main Pennine Chain from the Great St. Bernard to the St. Gotthard. (A further project of a Mont Blanc C.G. was abandoned owing to the fact that a similar work was being prepared by M. Louis Kurz.) The result was the Pennine C.G. (from the Gt. St. Bernard to the Théodule pass, 1890); the Eastern Pennine C.G. (from the Théodule to the Simplon, 1891); and the Lepontine C.G. (from the Simplon to the St. Gotthard, 1892, see xv. 266). The latter appeared under the joint names of Conway and W. A. B. Coolidge (who had assisted largely in the two earlier volumes). Several other volumes appeared later, under the title of 'Conway and Coolidge's Climbers' Guides', but he took no part in their production.

1892. Himalaya: left Srinagar, 13/iv; crossed the *Tragbal*, 16/iv, and *Borzil*, 24/iv, passes to Gilgit, 5/v; from Gilgit explored the Bagrot Nullah and glacier, 12–20/v, making the ascent of the *Uchubagan* pass (16,280 ft.) and the '*Serpent's Tooth*' (17,580 ft.), 19/v; and explored the Gargo glacier, 21/v–3/vi; reached Nagyr, 13/vi; ascended the Samayar glacier

to the *Daranshi Saddle* (17,940 ft.), 21–3/vi (C. G. Bruce left the main body to obtain fresh supplies, 27/vi) ; explored the Hopar glacier, 28/vi ; and the Shellishuru glacier, ascending the *Dasskaran Needle* (17,660 ft.), 29/vi–5/vii ; ascended the Hispar glacier and crossed the *Hispar* pass, 11–18/vii ; and descended the Biafo glacier, 19–26/vii, thus making the 1st recorded passage of the longest snow pass outside the Arctic regions. Reached Askole (where Bruce awaited him), 26/vii ; left, 31/vii ; crossed the *Laskam* ridge pass with A. D. McCormick, 2/viii ; foot of Baltoro glacier, 3/viii ; ascended the glacier, making ascents of *Crystal Peak* (19,400 ft.), 10/viii, and *Fan Saddle* (18,750 ft.), from which the 1st view of K. 2 was obtained, 12/viii ; continued the ascent to its head (Conway camped at 20,000 ft., 24/vii) ; ascent of *Pioneer Peak*, 25/viii (22,600 ft., then the highest summit ever attained, xvi. 274) ; then returned, leaving the glacier, 3/ix ; Askole, 5, 6/ix ; *Skoro* pass (17,320 ft.), 8/ix ; Shigar, 9/ix ; Skardo, 10–12/ix ; up the Indus to junction with Dras valley ; and up the Dras to (19/ix) Kargil ; *Namjka La* (13,000 ft.), 21/ix ; *Fotu La* (13,450 ft.) to Lama-yuru monastery, 22/ix ; back to Indus valley ; Sospul ; Leh, 25/ix ; visit to Himis monastery, 27–9/ix ; back to Kargil (for Himis, Lama-yuru, and Sospul, cf. 'The Sport of Collecting', pp. 89–92), 1–5/x ; up Dras valley ; Zoji La, 8/x ; Srinagar, 11/x.

Subsequently visited Abbottabad, Peshawar, and the Khyber pass (cf. ' The Sport of Collecting ', pp. 85–7), Amritsar, Amballa, Simla, Delhi, and the Sanchi Tope ; left Bombay, 1/xii.

See Proc. R.G.S. (n.s.), xiv. 468, 557, 631, 704, 753–70 ; G.J. i. 131–8. For a small controversy with H. H. Godwin-Austen as to the height and shape of K. 2, see xvii. 33–9, 128–32 ; G.J. i. 177, 371, ii. 527. He was accompanied through most of the journey by C. G. Bruce and A. D. McCormick. He read papers on it before the Club (xvi. 413–22 ; see also pp. 499–501) and the R.G.S. (G.J. ii. 289–99), and describes it fully in ' Climbing and Exploration in the Karakoram Himalayas ' (2 vols. 1894, reviewed by T. G. Bonney, xvii. 209), with map (reviewed by D. W. Freshfield, xvii. 281) and about 300 illustrations by McCormick (see xvii. 1–9). A third volume of scientific reports by Bonney and others appeared.

The tour produced considerable discussion as to climbing at high altitudes (see, e.g., G.J. i. 46 and cf. ibid. ii. 399–40, and

C. S. Roy). A by-product of it was a review by Conway of Dr. Gustave Le Bon's 'Les Monuments d'Inde', G.J. i. 444–7.

1894. With two Ghurkas, who had accompanied him in 1892 and during two-thirds of the tour with E. A. Fitzgerald—after a visit to the C.A.I. (R. H. Budden, G. Rey, and others), R.M. 1894, p. 174—left Turin, 1/vi; *Col di Tenda*, 2/vi; *Col de Chiapous*, 4/vi; *Col de Miana* (returning by mistake to Bagni di Waldieri), 5/vi; *Col della Cavallina*, 7/vi; *Pelvo d'Elva* (new route) and *Col della Bicocca*, 8/vi; *Monte Viso*, *Sagnette* pass, 11, 12/vi; *Colle delle Porte*, 13/vi; *Col de l'Aspont*, *Dôme de Chasseforêt*, 18/vi; *Col de la Leisse*, 19/vi; *Aiguille de la Grande Sassière*, *Col de la Sassière*, 22/vi; 1st passage of *Col de S. Grat*, 24/vi; *Mont Blanc* traversed from Dôme hut, 27/vi (here Fitzgerald left him); *Col de la Flégère* (new), *Buet*, *Col du Vieux*, 1/vii; *Col d'Emaney*, 2/vii; *Diablerets* traversed, 5/vii; *Wildhorn* traversed, 6/vii; *Plaine Morte* glacier, *Pointe de Vatseret*, *Schneejoch* (Bernese C.G. iii. 93–4, 100), 7/vii; *Nordend* of Monte Rosa, 12/vii; (Fitzgerald rejoined, 13/vii); *Lötschenlücke*, 16/vii; *Jungfrau*, 17/vii; *Oberaarjoch*, 18/vii; *Galenstock*, new descent, *Gletschjoch*, 21/vii; 1st ascent and passage of *Piz Gurkha* and *Gurkha* pass ('Clubführer der Glarner Alpen', 4th ed., p. 227), 25/vii; *Sandgrat* pass, 26/vii; *Ruchi* and *Hausstock* traversed (new descent of the latter), 28/vii; *Martinsloch* (Segnes pass), *Piz Segnes*, 29/vii; *Scesaplana*, 2/viii; 1st passage of *Ober-Vermunt* pass, 4/viii; *Weisskugel*, new routes up and down, 7/viii; *Sonklar* pass, 11/viii (Fitzgerald left 12/viii); *Schlüsseljoch*, 13/viii; *Hochfeiler* traversed (not to the top), 14/viii; *Birnlücke*, *Krimmlertörl*, 16/viii; *Venedigerscharte*, 20/viii; *Gross Glockner*, 23/viii; *Sonnblick*, *Riffelscharte*, 24/viii; *Ankogel*, 26/viii.

He describes the tour in 'The Alps from End to End' (1895; reviewed by W. A. B. Coolidge, xvii. 531, and see G.J. vi. 478–9); for the new expeditions see xvii. 440–3. See also 'Mountain Memories', ch. xvii.

1896. Spitsbergen: with E. J. Garwood and others, left England, 2/vi; arrived at Ice Fjord, 18/vi; landed, 20/vi; from a camp on Advent Bay (S. side of Ice Fjord) explored the range between Ice Fjord and Bell Sound (Fox Peak, 25/vi; tour of Fox Peak by *Fox* pass and *Bolter* pass, 27, 28/vi); crossed from Advent Vale to the Sassendal by the *Brent* pass, 30/vi–2/vii; ascended *Sticky Keep*, 4/vii; the *Grit Ridge*, 6–7/vii; the *Trident*,

central prong, 11/vii. Went up the Sassendal and to head of its main branch (Fulman valley), 13–16/vii (ascended *Prospect Ridge* alone, 16/vii) ; crossed by the ' *Ivory Gate* ' glacier pass to Agardhs Bay on the E. coast (the 1st crossing of the island), 17/vii ; returned to Sassen Bay (head of Ice Fjord), leaving Garwood in the Sassendal, 20/vii ; ascended *Mt. Lusitania*, 22/vii, rejoined Garwood at Advent Bay, 29/vii. They went by steamer round the island through Hinloopen Strait to Olga Bay ; were prevented by the ice from circumnavigating it and returned the same way, 5–12/viii. Conway left for Hammerfest, 16/viii. The difficulties of inland travel (with ponies and sledges) were very great (xviii. 258, 354, 363). He read a paper on the tour before the R.G.S., G.J. ix. 353–65, and described it in ' The First Crossing of Spitzbergen ' (1897).

1897. Spitsbergen : with E. J. Garwood left England, 29/vi ; reached Advent Bay, 9/vii. Landed near the head of Klaasbillen Bay (N. side of Ice Fjord), 11/vii ; explored the *Nordenskiöld* glacier to near Mt. Chydenius (illness of one of the men cut the expedition short), 13–20/vii. Landed at King's Bay, 25/vii ; ascended the *King's* glacier and *King's Highway* glacier to the pass at head of the latter, 27–30/vii (ascending the *Highway Dôme*, 30/vii) ; crossed a snow pass to another glacier basin to S. and returned by another pass, 31/vii ; crossed a spur of the Three Crowns' group to the Crowns' glacier, 1–4/viii (climbing the *Middle Crown*, 4/viii) ; made an 18-mile ski expedition to the *Diadem*, climbed it and returned, 5/viii ; climbed the *Middle Crown* again, 6/viii ; returned to the coast, 7, 8/viii. Landed at Horn Sound, 14/viii ; made the complete ascent of *Mount Hedgehog*, 18/viii ; left the island, 21/viii (xix. 66). He read a paper on the tour before the R.G.S., G.J. xii. 137–51 ; described it in ' With Ski and Sledges over Arctic Glaciers ' (1898), and wrote a paper on his experiences as a ski-runner, ' Rough-and-Tumble Ski-Running ', in Alpine Ski Club Annual, 1911, p. 1.

1898. Andes : left England, 13/vii ; arrived Barbados, 25/vii ; Jacmel, Hayti, 28/vii ; Kingston, Jamaica, 29/vii ; thence to Colon and Panama. Left Panama, 5/viii ; arrived Guaquil, 8/viii (?) ; Callao, 15/viii ; by rail to Lima ; ascent to the crest of the Andes by the Oroya railway and back, 16–17/viii ; left Callao, 19/viii ; landed at Mollendo, 21/viii, at Arequipa, 21–5/viii ; thence by rail to Puno, across Lake Titicaca by

steamer, and by carriage to La Paz, 25–7/viii. Started for Illimani, 1/ix ; reached Caimbaya, 4/ix ; camp at *c.* 14,000 ft., 5/ix ; at *c.* 16,000 ft., 6/ix ; at *c.* 16,500 ft., 7/ix ; at *c.* 18,500 ft., 8/ix ; 1st ascent of *Illimani*, 9/ix ; to Caimbaya, 10/ix ; La Paz, 12/ix. Started for Sorata, 17/ix ; arrived at Umapusa, 19/ix ; to camp near Haukaña glacier, 20/ix ; camp *c.* 18,000 ft., 22/ix ; ascended with a tent to nearly 20,000 ft. and camped, 23/ix ; but a heavy snow-fall forbidding an attempt to reach the summit, returned to the base camp after a short reconnaissance, 24/ix ; and to Umapusa, 25/ix.

By *Huallata* (14,110 ft.) and *Carapata* (10,790 ft.) passes to Sorata town, 26/ix ; spent a few days studying the rubber industry and the gold mining possibilities in the eastern valleys ; and returned to La Paz, where bad weather continued, with much snow. Back to Umapusa, 5/x ; to Haukaña glacier camp, 8/x ; to camp at *c.* 18,000 ft., 9/x ; 2nd attempt on *Sorata* ; driven back by adverse snow conditions when about 300 ft. from the summit, 10/x.

Spent some weeks in surveying the Cordillera Real, much hampered by weather, political disturbances, and the hostility of the native Indians. The latter had from the first been a considerable obstacle. The map based on the survey will be found G.J. xv. 564 (see also p. 528). It is not given in the book mentioned below. Drove from La Paz to Oruro, 13–15/xi ; Oruro to Antofagasta by rail, 18–21/xi ; by steamer to Valparaiso, 22–5/xi.

Left Valparaiso, 1/xii ; crossed the Andes to Baths of Inca, 2/xii ; to camp at head of Horcones valley (*c.* 14,000 ft.), 3/xii ; to site of E. A. Fitzgerald's camp, *c.* 16,000 ft., 5/xii ; 3rd camp, *c.* 18,500 ft., 6/xii ; ascent of *Aconcagua* (23,100 ft.), 7/xii ; back at Valparaiso, 10/xii. Visited Concepcion ; went by sea from Lota to Punta Arenas in the Straits of Magellan, 17–25/xii ; partial ascent of *Mt. Sarmiento* (Tierra del Fuego), 31/xii ; visited some of the sheep-farms on the Patagonian pampas. Reached Liverpool in January.

He read papers before the Club (xix. 509–23) and the R.G.S. (G.J. xiv. 14–31), wrote an Orographical Sketch of the Southern Andes (xx. 81–7), and described the whole tour in two volumes, ' Climbing and Exploration in the Bolivian Andes ', with Scientific Appendix, including notes on rocks, by T. G. Bonney (1901, reviewed, xx. 550, by T. G. Bonney, and G.J. xviii. 612), and

'Aconcagua and Tierra del Fuego' (1902, reviewed xxi. 346–8). See G.J. xii. 492.

1901. *Breithorn*, with his daughter, 19/viii; this ascent was his farewell to the mountains. See 'Mountain Memories', pp. 275–6.

He read papers before the Club 'The Future of the Alpine Club' (xx. 295–300); 'Reminiscences and Reflections of an Old Stager' (xxxi. 146–57); and as President delivered the usual Valedictory Address (xxii. 410), but this latter was, unfortunately, never printed. Amongst his other contributions are notices of Picture Exhibitions of 1884, 86, 89, and 90; note on Alpine Art on the Eastern Alps, x. 280; paper on 'Life in the Vispthal at the beginning of the Sixteenth Century', xii. 380–90 (an abridgement of two old autobiographies); paper 'An Exciting Glissade' (it took place in Spitsbergen in 1654), xxi. 412; note on the 1st ascent (1811) of the Jungfrau, xix. 40; note on an Alpine landscape, by P. Breughel senior, of the sixteenth century, xxxii. 290 (for the picture see p. 147); letter on 'Early Use of Crampons', xxxiii. 455; letter on '(Climbing at) High Altitudes', xix. 159–62; notes on M. L. Hepburn's paper on same subject, xx. 438–40; review of Charles Gos' 'Le Cervin par l'Image', xxxv. 311; In Memoriam notices of F. W. Whitridge (xxxi. 243); P. J. Truffer (xxxii. 116), Mattias Zurbriggen (ibid. 265), W. A. Baillie-Grohman (xxxv. 311). Also author of biographical sketches of Aloys Pollinger, Franz Josef Andermatten, and Ferdinand Imseng in 'Pioneers of the Alps' (1887); articles on 'Mountaineering' in 'The Encyclopaedia of Sport' (1898; reviewed xix. 67), with illustrations by A. D. McCormick; and in 'Encyclopaedia Britannica', 10th ed. (1902); 'The Alps', illustrated by McCormick (1904; reviewed xxii. 481–4); chapter on 'Mountaineering in the Arctic (Spitsbergen)' in G. Winthrop Young's 'Mountain-craft' (1920); 'Mountain Memories: a Pilgrimage of Romance' (1920; reviewed by A. L. Mumm, xxxiii. 288, by D. W. Freshfield, G.J. lv. 398).

Theodore Cornish

(Feb. 1890)

Born 19 Jan. 1854. Son of Rev. Charles Lewis Cornish of Clevedon, Somerset.

Educated Uppingham, Lancing, and Pembroke College,

Oxford (Scholar) ; 2nd Class in Classical Moderations, 1874 ; 2nd Class in Literae Humaniores, 1876.

Head Master of a preparatory school at Southbourne ; Assistant Master and later Vice-Principal at St. Andrew's College, Grahamstown, S. Africa, 1903.

Q. Alps 1889, 90.

1889. *Rothorn* ; *Weisshorn* from Zinal (3rd recorded) descent to Randa ; *Matterhorn* traversed ; *Gabelhorn* ; *Lyskamm*, *Dent Blanche* ; *Biesjoch*, *Col des Diablons*, *Triftjoch*.

Made winter ascents of the *Schreckhorn* (the 3rd), 2/i ; and the *Wetterhorn*, 8/i (xiv. 248).

Original Member of the Climbers' Club.

Made the 3rd ascent of the *Weisshorn* by the W. face, 8/viii (xiv. 515).

1890. Made winter ascents of the *Jungfrau*, 7/i ; and the *Gross Viescherhorn* (the 2nd), 8/i (xv. 79). He read a paper before the Club on the expeditions of 1889 and 90, 'An Ascent of the Weisshorn from Zinal, and some Notes on Winter Climbing' xv. 192.

Benjamin Temple Cotton

(Feb. 1882 ; never completed his election)

Born 1840. Son of Benjamin Cotton of Freshwater, Isle of Wight.

Married.

Educated Merton College, Oxford (postmaster) ; B.A., 1861.

Q. Alpine.

Sir Frederick Fitzjames Cullinan

(Feb. 1877, d.m. 1913)

Born 1845. Son of Patrick Maxwell Cullinan, M.B., J.P., of Harmony House, Ennis, and Sarah, d. of Peter Fitzpatrick. Brother of M. C. Cullinan.

Married 1892 Elizabeth Frances Maude, d. of Sir William Squire Barker Kaye, C.B., Q.C., Assistant Under-Secretary for Ireland.

Educated Ennis College and Dublin University.

Clerk in the Office of the Chief Secretary for Ireland, Dublin Castle, 1864 ; Clerk-in-Charge of the Irish Office in London,

1878–83; a Principal Clerk in the Dublin Office (head of the Financial Division), 1883–1911. C.B., 1894. Kt., 1897. K.C.B., 1911. A Governor and Guardian of the National Gallery of Ireland, 1912.

Died 27 Dec. 1913. (Who's Who; The Times; In Memoriam, xxviii. 194, by G. Fitzgerald.)

Q. Alpine.

1876. *Diablons, Col Durand, Gabelhorn, Weisshorn, and Furggenjoch*, with A. H. Simpson; *Strahlhorn*; *Triftjoch* (xxxii. 102; P. Knubel).

1877. *Matterhorn*, 30/viii.

1878. *Biesjoch* (xxxii. 103); 1st ascent of the *Täschhorn* from the Domjoch by the N. arête, with G. FitzGerald, 2/ix (ix. 109).

1879. With J. Baumann and G. FitzGerald, *Aiguille du Midi*, 19/viii; 1st ascent of the *Aiguille de Talèfre*, 25/viii (ix. 364). (He read a paper before the Club on the expedition, x. 25.) With Baumann, 2nd ascent of the *Aiguille du Dru*, 29/viii (ix. 381, x. 30); 2nd ascent (one previous descent had been made by this route) of the *Dent d'Hérens* from the Tiefenmattenjoch, 8/ix (ix. 382, x. 358 note, xiii. 173 note).

1885. *Eiger*, with W. E. Davidson, 13/viii; *Strahlegg* and *Gross Lauteraarhorn*, with Davidson and G. FitzGerald, 17/viii; *Lauteraarjoch*, 18/viii, and *Gspaltenhorn*, 20 or 21/viii, with FitzGerald; *Gross Viescherhorn*, with Davidson and FitzGerald, 25/viii; attempt on Jungfraujoch, with Davidson, 3/ix.

Wrote an In Memoriam notice of Kaspar Streich (xiv. 134).

Carus Dunlop Cunningham

(Dec. 1882, d.m. 1896)

Born 13 March 1856, Edinburgh. Son of James Cunningham, W.S., of Edinburgh, and later of Gretna Hall.

Educated Edinburgh Academy and Repton.

Was for a time in the National Bank of Scotland, Edinburgh; then made a leisurely tour of the world. Later lived much in Switzerland.

Joint author with Sir F. O. Adams of a 'History of the Swiss Confederation' (1889).

Died at Geneva 29 June 1896. (In Memoriam, by Mary Paillon, Rev. Alpine, ii. 245.)

Q. Alpine.

Member of C.A.F., Mt. Blanc Section, 1882 or 83.

1879. *Wetterhorn*, 23/vi; *Strahlegg*, 24/vi (N.A.P. x. 15; cf. U. Almer).

1882. January–February. Went to the Grands-Mulets, 20/i, but was unable to proceed. Then made the 'Tour of Mont Blanc', including the 1st winter passage of the *Col du Géant*, 27/i; 2nd winter ascent of *Mont Blanc*, 30/i; the *Buet*, 1/ii (C.A.F. Bull. 1882, pp. 45–9); *Théodule*, 5/ii; *Great St. Bernard*, 7, 8/ii; *Col du Tour*, ascending the *Aiguille du Tour*; and ascended the *Aiguille du Tacul*, 15/ii (x. 493). He described these expeditions in a paper on 'The Alps in Winter', xi. 253.

Aiguille Verte, with W. F. Donkin (xi. 471). *Mont Blanc* by Aiguilles Grises route, 28/vii (C.A.F. Bull. 1882, p. 236).

1883. Made a winter ascent of *Ben Nevis*, 3/1 (xi. 182).

N. (lower) summit of the *Aiguille du Midi* (2nd ascent by a new route from the NW.), 26/vi (xi. 362; Kurz, pp. 86–7); *Mont Mallet*; *Aiguille de Rochefort* (3rd ascent); *Aiguille du Plan*; *Les Périades* (2nd ascent by a new route from the E.; the 1st ascent had been made the previous day), 28/vii (xi. 362); *Aiguille d'Argentière*; *Mont Blanc du Tacul* (2nd recorded ascent); *Mont Maudit*, 13/viii (xi. 362, 471); *Aiguille de Blaitière*; *Petit Dru*; *Dent du Géant*.

1884. Read a paper before the Club on 'The Decline of Chamonix as a Mountaineering Centre', xi. 459.

February–March. Ascended *Ben Nevis*, with Émile Rey, 11/ii; and *Ben Venue* and *Ben Lomond*, with C. Wilson, 22/iii (xi. 480). He wrote a paper, 'Hill Climbing in Scotland', xii. 502, describing the former expedition.

'*Klein Viescherhorn* and *Lauteraarhorn* from the Schreckhorn side of the mountain.' Traversed *La Tour Ronde* by new routes, 12/ix (xii. 120; Kurz, pp. 80–1).

1885. Visited the Great Scheideck in December (paper, viii. 73).

Joint editor with W. de W. Abney (q.v.) and part-author of 'The Pioneers of the Alps' (1887; reviewed by F. F. Tuckett,

xiii. 424). He contributed to it an article on 'The Growth and Development of Mountaineering', and memoirs of Ulrich and Christian Lauener, Peter Baumann, François Couttet (on whom he also wrote an In Memoriam notice, xv. 363), Édouard Cupelin, J. J. Macquignaz, Jean Antoine Carrel, and Émile Rey.

Wrote an In Memoriam notice of Sir F. O. Adams, xiv. 470.

Sir Reginald John Cust, Kt.

(May 1884, d.m. 1913)

Born 25 Sept. 1828, Shavington Hall, Shropshire. Son of Rev. Henry Cockayne Cust, Canon of Windsor, and Lady Anna Maria Needham, d. of 1st Earl of Kilmorey.

Married 1855 Lady Elizabeth Caroline Bligh, d. of 5th Earl of Darnley.

Educated Eton and Trinity College, Cambridge (Scholar); 15th Wrangler and 2nd Class in the Classical Tripos, 1852. Obtained a travelling bachelorship at Cambridge, 1852, and travelled in Russia, Palestine, and Algeria, 1853–5.

Barrister (Lincoln's Inn), 1856. Soon acquired a considerable practice as a conveyancer. Published a 'Treatise on the West Indian Encumbered Estates Acts', 1859, and shortly afterwards became Secretary to the West Indian Encumbered Estates Commission; was Assistant Commissioner, 1865–87, and Chief Commissioner, 1887–92. A second edition of the Treatise with reports of cases decided subsequently to 1864 appeared in 1874.

Knighted, 1890. He continued to enjoy a large conveyancing practice and published in 1888 'Marriage with a Deceased Wife's Sister, considered Historically'. In 1901 his eyesight failed, and he spent the rest of his life in complete retirement.

He was a master of many languages, including modern Greek and Hebrew.

Author of a volume of 'Early Poems' (published 1892) and 'Cockayne Memoranda', vol. i (1869).

Died 11 June 1913. (Who's Who; The Times.)

Q. Alps 1867 to 1883.

Wrote Notes on *Mt Rouge* (pt. 2,925 m., between Mt Dolin and the Pas de Chèvres), 10/ix/1886, and the *Col de Zarmine*,

printed in Arolla C.G., pp. 9, 33 ; also an account of the death of W. G. Hutchinson, xiii. 115.

Francis Macdonagh Davies

(Dec. 1888, d.m. 1906)

Born 1844 or 45. Son of Edward Pellew Davies of Dover.
Manager of the London and County Bank, Oxford.
Died 19 June 1906, aged 61.

Q. Alps 1884–8.
1888. See E. Carr.
1890. See Carr and W. M. Conway.

Frederick Davies

(Dec. 1883)

Born 1855. Son of Ellis Davies, J.P., of Liverpool.

Married, 1st, 1885 Georgina Maud, d. of Sir George N. Kellner, K.C.M.G., C.S.I. ; 2nd, Emmeline, d. of George Tuck, J.P., Northamptonshire.

Educated Liverpool College and privately.

In 1885 engaged in business as an East Indian Merchant in the firm of Davies & Harris, London. Was a director of the East Ferry Engineering Co. (Millwall) and of the Costa Rica Electric Light and Traction Co.

Representative of South Kensington on the London School Board, 1891–1900.

On many occasions sailed with W. and A. (q.v.) Marcet in regattas on the Lake of Geneva, as well as on the Baltic and in English waters. Has travelled in Morocco, the West Indies, and Central America.

Q. Alpine (over 5 years).
1878. Ascended *Mount Hekla*, Iceland.
1881. Crossed the *Matterhorn* from Zermatt to Breuil in 14 hours, with A. Marcet (3rd traverse in this direction), 12/viii (R.M. i. 46 ; Hut Book).
1882. *Dent du Géant*, with Marcet.

Lionel Dècle

(Feb. 1877, resigned 1887)

Born 16 May 1859, Recourt, St. Quentin, France. Son of Charles Dècle and Hélène, d. of Robert de Massy.

Educated at home by English and German tutors and at Collège Rollin, Paris ; travelled extensively during his boyhood with his parents. B.A. of the University of France.

1882–5, made a tour of the world, travelling over most of India (see below, 1884), visiting Burmah, Cochin-China, Cambodia, China, Japan, the Straits Settlements, Java, and the Pescadone Islands, and returning by America.

After several minor journeys was entrusted by the French Government with a scientific mission to South Africa ; left England, 24/iv/1891 ; started trekking from Vryburg, 25/vi ; at Mafeking, 9–13/vii ; Palapshive, 24/vii–2/ix ; on the Zambezi above and at Victoria Falls, end of x–17/xii. Returned to Palapshive, 13/i/1892 ; at Buluwayo and Hope Fountain, 2/iii–23/iv ; returned to Palapshive *c.* 25/vii. Then visited Mashonaland, Victoria, Zimbabwe, Salisbury. Left Salisbury, 10/x ; reached the Zambezi, 3/xi ; down the Zambezi to Tete, 24/xii. At Tete till 30/i/1893. Left the Zambezi, 3/ii ; visited Nyassaland, reaching Chirome, 17/ii ; Blantyre ; Zomba. Left Zomba, 29/iii, by steamer ; arrived at Karonga, 23/iv ; left, 30/iv. At Kituta (Lake Tanganyika), 22–6/v ; Ujiji, 4–27/vi ; Urambo, early vii–29/viii. Reached the S. shore of Victoria Nyanza, 20/ix ; started up the Lake, 15/x ; Bukoba, 23–7/x ; Entebbe, 6/xi. Took part in the Unyoro Expedition with Major Edward Roderic Owen, 25/xii–6/ii/1894 (mentioned in dispatches ; medal ; Knight Commander of the Brilliant Star of Zanzibar). Arrived at Mombasa, iv/1894. His main object was to study the customs, ethnology, &c., of the tribes of the interior of Africa. He described the journey and its results in ' Three Years in Savage Africa ' (1898). On his return to Europe he came into notice as the champion of the cause of Mr. Stokes.

In 1894 joined the staff of the Pall Mall Gazette and represented it in Russia during the last days of Czar Alexander III and the wedding of Czar Nicholas II (Oct.–Nov.). Organized the native transport for the French Government in the Madagascar expedition (May–July, 1895). Resumed work with the Pall Mall

Gazette till the resignation of the then editor, Mr. H. J. C. Cust. Travelled with Mr. Cust for nine months in South Africa, 1896–7.

1898. Accompanied Joseph Pulitzer, proprietor of the New York World, to America on the outbreak of the Spanish-American War.

1899–1901. Commanded the Daily Telegraph expedition from the Cape to Cairo.

Author of 'Trooper 3809' (1899); 'The New Russia' (1906).

Q. Alps: Vesuvius twice.

Member of C.A.F., Paris Section, 1875; Isère Section, 1880; C.A.I.

1876. *Brèche de Charrière* (2nd passage, 1st from La Bérarde to La Grave), 9/viii (viii. 164; a pair of spectacles, forgotten by him, were found by H. Duhamel just two years later (C.A.F. Ann. 1878, p. 115); made a short cut from the *Col du Carro* by a second pass, called by him *Brèche des Chamois*, to the *Col de Nivolet*, 12/viii; 1st ascent of *Monte Gruetta*, 15/viii; 1st ascent of highest point of *Aiguilles Marbrées*, 17/viii (viii. 104–5). He described these expeditions briefly, C.A.F. Bull. 1876, pp. 240–1, and his whole tour fully, C.A.F. Bull. 1877, pp. 45–51; cf. C.A.I. Boll. x. 498–9. Letter on Nomenclature, vii. 439. Note on peaks still unclimbed in the Alps, C.A.F. Bull. 1876, pp. 88–90.

1879. *Rinderhorn*, new ascent by E. arête (see xix. 64); 1st ascent of *Ferden Rothorn* (guideless); *Lämmernhorn*, 1st ascent, and *Daubenhorn*; *Torrenthorn*; 1st ascent of *Retzi* (*Resti*) *Rothorn* and *Ferden* (*Müllerstein*, see Bernese C.G. i. 12–13) pass (all guideless) (ix. 493–4).

1880. With J. A. Hutchison, *Aiguille d'Argentière* new descent by S. face, 14/viii (xviii. 209); attempt on *Aiguille du Chardonnet* from Col du Chardonnet, 16/viii. See x. 233, C.A.F. Bull. 1880, p. 125.

1882. 1st passage of *Col du Passon*; 1st ascent of *Petite Aiguille de Talèfre* (xi. 116).

1883. Started from Naini Tal for the Garhwal Himalaya with W. W. Graham, 24/vi, but turned back at Pana owing to ill health, 2/vii (xii. 40).

1886. *Capütschin* pass with B. Wainewright (xiii. 303).

Demeter Diamantidi

(Dec. 1890, d.m. 1893)

Born 1839, Vienna. A member of an old Greek family.

Educated at the Vienna Polytechnic, and went through a course of study at the School of Painting.

For a time he took part in the management of an arms manufactory, belonging to his brother-in-law ; when this was bought up by a large Austrian company he retired from business. Served on the City Council of Vienna (Ö.A.Z. 1884, p. 90, 1885, p. 23), 1884–9. Was a painter of considerable talent, a skilful rider, driver, fencer, and dancer ; a leading authority on the theory and technique of skating, and an active member of the managing committee of the Viennese Skating Club.

Died 14 April 1893.

Q. Alps 1872–9, 81, 84, 86, 88, 90.

Member of C.A.I., Agordo Section ; D.Ö.A.V., Austria Section ; S.A.C., Monte Rosa Section (1892).

Was a very prominent member of Austrian A.C. ; Librarian and on Editorial Committee (1880) ; in 1882 was appointed first Secretary, also member of the sub-committees for Building, Equipment (chairman), and for the Salzburg International Congress ; but resigned these posts at the end of March in consequence of prolonged absence from Vienna (Ö.A.Z. iv. 24, 95).

In 1884 was appointed referee for inquiries as to W. Hohe Tauern, Stubai group, and S. District of Dolomites (Ö.A.Z. vi. 155), but in 1885 declined to serve on the Committee because of his work on the City Council (Ö.A.Z. vii. 23).

1874. *Ortlerspitze*, 19/viii (Tourist, 1874, p. 422).

1876. Attempt on the *Hochgall* from the Patscher Alp (the E. side) (the 1st ascent had been made from this side in 1854 and it had never been repeated), 29/vii (E. iii. 111, 114 ; Ö.A.Z. xiii. 26) ; ascended it from Rain with W. E. Utterson-Kelso, making a new descent by the Antholzer Scharte to Antholz, 2/viii (M.A.V. 1877, p. 68).[1]

[1] Carl Diener ignores this expedition (E. iii. 115), but no statement could be more explicit ; and it would explain Diamantidi's claim in the Neue Freie Presse of 5 and 12/viii/1876 to have made a new route on the Hochgall, mentioned and disputed M.A.V. 1876, pp. 269–70, by Dr. Max von Schneider-Ernstheim, who made a successful descent to the Patscher Alp, 8/viii/1876, and

1877. *Marmolata* (Agordo Section Papers, 1878, p. 11).

1879. 5th ascent (the 1st was made 29/vi/1879) of *Grosse Bischofsmütze*, 21/ix (E. i. 353–4; Ö.A.Z. 1879, p. 236); 1st ascent of N. ridge of *Grosse Wiesbachhorn*, 25/ix (E. iii. 212; Ö.A.Z. 1880, p. 32; M.A.V. vi. 65); *Bocca di Brenta*, 29/ix; *Monte Adamello*, 2/x, reaching the summit 5 p.m. and regaining the Mandron Hut 5 a.m., 3/x. (Paper, 'Ein nächtlicher Abstieg vom Adamello', Ö.A.Z. 1879, pp. 277, 283.) Reached Sulden by *Sallentjoch*, 5/x; traversed *Hintere Schöntaufspitze*, 6/x.

1881. *Eisbruchjoch*, 16/viii; *Dürrenstein*, 19/viii; *Monte Pelmo*, 21/viii; *Sasso di Mur*, 1st ascent of the highest peak, 23/viii (x. 363; E. iii. 436; paper, Ö.A.Z. 1884, p. 147); *Sass Maor*, 2nd ascent, 25/viii (E. iii. 417; Ö.A.Z. vi. 63); *Grohmannspitze*, 4th ascent, 27/viii (E. iii. 357; Ö.A.Z. iv. 53); *Cadine di San Lucano*, 29/viii; *Drei Zinnen*, all three peaks in one day; 1st traveller's ascent of the *Kleine Zinne*, 31/viii (E. iii. 510, 512).

Full Reiseberichte, Ö.A.Z. iii. 257–60, and account of the season, C.A.I. Boll. 1882, p. 220.

1884. *Olperer* direct from the Wildlahner (apparently 3rd ascent by this route; see E. iii. 92), 8/xii. He read a paper to the Ö.A.C. (not printed) on this expedition, Ö.A.Z. 1885, p. 71.

1886. *Riffler*, 15/ix; *Piz Buin*, 17/ix; 2nd ascent of the E. (highest) summit of the *Stammerspitze*, 14/ix (E. ii. 34); *Weissseespitze*, 22/ix (full Reiseberichte, Ö.A.Z. 1886, pp. 245–9).

1888. Made a winter ascent of the *Ortlerspitze*, 5/xii (xiv. 248; E. ii. 81). Appointed Honorary President of the Ortler Committee, which proposed to erect an obelisk on the Ortlerspitze in honour of the 40 years' reign of the Emperor Franz Josef. He tried without success to enlist the co-operation of Ö.A.C. (Ö.A.Z. 1888, p. 304).

List Ö.A.Z. 1889, p. 22.

1890. 1st ascent of the *Agelspitze*, 17/vi (E. ii. 405; Ö.A.Z. 1890, pp. 180, 225).

1892. *Wilder Freiger*, new route, and *Becher*, 7/vii (M.A.V. 1893, p. 129); *Fernerkogl*, 10/vii; *Timblerjoch*, 11/vii; *Dente del Cimon*, 2nd ascent, 17/vii (E. iii. 409); 1st ascent of the *Sasso di Campo*, with L. Norman Neruda, 18/vii (E. iii. 428); 1st ascents

may have confused Diamantidi's two expeditions. A reference to Diamantidi's narrative in the Neue Freie Presse would probably clear up the matter. He read a paper on the Hochgall to Austria Section in 1885 (M.A.V. 1885, p. 104).

of the *Sasso d'Ortiga*, 22/vii (Z.A.V. 1902, p. 377) ; and *Sasso di Cavallera*, 23/vii (E. iii. 429) ; 2nd ascent by a new route of the *Latemar*, 25/vii (E. iii. 392 ; Z.A.V. 1900, p. 312) ; *Schlern*, by the Seisser-klamm, 26/vii (Reiseberichte, Ö.A.Z. 1892, p. 268).

Traversed the *Matterhorn*, spending the night on the Swiss shoulder, 14, 15/viii (Ö.A.Z. 1892, p. 234) ; *Théodule* pass, 16/vii (ibid., p. 267) ; *Col de Fenêtre de Val Tournanche*, 17/viii ; *Col della Bella Cia*, 18/viii (bivouacking twice for the Dent d'Hérens, an expedition prevented by bad weather) ; *Cols de la Seigne* and *de Bonhomme*, 22, 23/viii ; *Sanetsch* pass, 27/viii ; *Schilthorn*, 29/viii ; traversed the *Jungfrau* from the Rottal to the Bergli Hut, 31/viii (see Ö.T.Z. 1892, p. 282). 1st ascent of *Monte 'Tainier'*, 11/ix (see Z.A.V. 1902, p. 351 ; really 1st ascent of *Monte Tamer Davanti*, 2,489 m., not of *Tamer Grande*, 2,548 m., R.M. 1911, p. 173) ; *Passo delle Pale di San Lucano*, 12/ix ; *Cimone della Pala*, 13/ix ; *Pflerscher Tribulaun*, 17/ix. (Full Reiseberichte, Ö.A.Z. 1892, p. 278.)

Accomplished a remarkable 'Alpine Distanzleistung', 11/ix : leaving the summit of the *Schneeberg* at midnight, descended to the Höllental, drove to Prein, traversed the *Heukuppe* (Raxalp) to the Nasskamm, ascended the *Windberg* (Schneealpe), descended to Neuberg ; drove to Niederalpel ; and ascended the *Hohe Veitsch*, reaching the summit at 11 p.m. Much time was lost in the last ascent, which was made in mist and storm ; he thought the whole distance might be covered in 24 hours on foot in fine weather (Ö.A.Z. 1892, p. 270).

Author of 'Spuren auf dem Eise' (1881 ; see R.M. ii. 72 ; I have not seen this book).

William Frederick Donkin

(Dec. 1879, C. 1885–March 86, S. 31 March 1885–8, d.m. 1888

Born 2 Dec. 1845, Oxford. Son of William Fishburn Donkin, Savilian Professor of Astronomy at Oxford (see D.N.B.), and of a daughter of Rev. John Hawtrey of Guernsey (see xiv. 279).

Married 1876 Florence Blakiston, d. of John Dunn.

Educated Eton and Magdalen College, Oxford (Natural Science Demyship, 1864) ; 2nd Class in Natural Science, 1868.

Continued to reside in Oxford after taking his degree and to

study his special subject, chemistry. Appointed Lecturer in Natural Science at Keble College, 1875, and Tutor, 1877, and held both appointments till the summer of 1880. Was also for some time Assistant Demonstrator to the Professor of Chemistry and County Analyst for Oxfordshire.

Examiner in the Final Honour School of Natural Science, 1879–80.

In 1880 he came to London and became Lecturer on Chemistry in the Medical School at St. George's Hospital, a post which he held till his death. Was also actively interested in other branches of science, particularly in the modern developments of lighting, electrical and other; and acted as scientific experimenter to a well-known electrical firm.

Was an accomplished musician.

Secretary to the Photographic Society. Author of the chapter on 'Photography' in 'Hints to Travellers'.

Died 30 or 31 Aug. 1888; see below. (In Memoriam, xiv. 128, by C. T. Dent and W. A. B. Coolidge, and see xiv. 275–80; by D. W. Freshfield, Proc. R.G.S. (n.s.), x. 715.)

Q. Alps. Alpine photography.

1881. *Matterhorn*, 9/viii (Hut Book).

1883. *Strahlhorn*, new route by the SE. face, 11/ix (xi. 363).

1885. *Pointe des Genevois* (S. summit of *Dent Perroc*) by a new route from the E., 22/viii (xiii. 173); new passage through the Vuibez Icefall, with H. S. King, 28/viii (Pennine C.G., p. 37; Arolla C.G., p. 70); *Mont Brulé*, with King, 31/viii (Arolla C.G., pp. 36 and 91); *Petite Dent de Veisivi*, with H. A. Beeching (ibid., p. 36).

1886. Caucasus: with C. T. Dent, arrived at Bezingi in the W. Cherek valley, 21/viii; 1st ascent of *Gestola* (Dent's *Tetnuld Tau*), 27/viii (xiii. 116, 220; C.A.I. Boll. 1889, p. 265); attempt on *Dychtau*, 29/viii. (He read a paper before the Club on this expedition and the return journey to Naltshik, xiii. 242–58.)

1888. Caucasus: with Dent and H. Fox, left Kutais, 2/viii; 1st traveller's passage of the *Lapara* pass, 6, 7/viii, to Latal in the Ingur valley; camped by the Gulba glacier, 9/viii; attempts with Fox on the N. peak, 11/viii, and on the S. peak, 13/viii, of *Ushba*. Dent was obliged to return owing to ill health, 14/viii (a letter of Donkin's describing the tour up to this point is printed,

xiv. 311). Donkin and Fox left Betsho, 16/viii ; made the 1st ascent of the SE. peak of *Dongosorun*, 17/viii (Freshfield, 'Exploration of Caucasus', ii. 243), and reached Uruspieh by the *Betsho* pass ; made the 1st passage of '*Donkin's* pass' from the Adyrsu glen to Chegem, 22/viii (ibid. 36, where a letter from him to H. W. Holder, dated 24/viii, is printed ; 132, 252) ; to Bezingi, 24/viii ; ascended the Dumala glen and made, 27/viii, an attempt on *Koshtantau* from the N., reaching the *Mishirgi* pass (see map facing xiii, p. 33, Freshfield, 'Exploration', ii. 261), 27/viii ; crossed the *Ulluauz* pass from the N. and bivouacked a few hundred feet below it on the S. side, 29 or 30/viii ; the whole party were lost in an attempt on *Koshtantau* from this camp, 30 or 31/viii (xiv. 94, 190 [letter from Donkin to H. W. Holder dated 24/viii], 432 ; xv. 26 ; Freshfield, op. cit., ch. xvi ; Proc. R.G.S. (n.s.), x. 686–7, 790).

Donkin first turned his attention to Alpine photography in 1877, and soon attained a unique position in this field. In Dec. 1879 he sent a collection of photographs to the Winter Exhibition, noticed as 'probably the best as yet produced by an amateur photographer' (ix. 448). In Dec. 1880 he again showed a large number, 'among which a complete panorama from the summit of the *Dom* was specially remarkable, and excited general admiration as the finest work above the snow-line as yet produced by any photographer' (x. 184). (A copy of this panorama now hangs on the walls of the Club.) In Dec. 1881 the photographs—particularly Whymper's views of the Andes and Donkin's collection—'far exceed anything before seen at previous exhibitions' (x. 424). In Feb. 1882 he read a paper before the Club on 'Photography in the High Alps' (xi. 63–71), at which he exhibited his apparatus and showed a large collection of photographs taken by him during the preceding four seasons (x. 500). (There is a note on these, x. 496, which refers to a paper by him in the 'Year-Book of Photography', 1882. A later note, xi. 47, expresses the opinion that he still 'has nothing to fear from any of his foreign rivals' among whom the most successful is V. Sella, q.v.). In Dec. 1882 his collection 'shows a distinct advance even upon his wonderful work of last year and may be almost said to mark yet another new era in Alpine photography' (xi. 192 ; cf. p. 178).

Dec. 1883. See xi. 409, 410, and xii. 64 (vote of thanks to him

at meeting of May 1884 for his gift of three magnificent enlargements to the Club).

In Dec. 1884 Mr. Donkin and Signor Sella divide the honours without rivalry (note by W. M. Conway, xii. 169, 170); he then showed 57 specimens, his total being about 200.

For Dec. 1885 see xii. 464. In Dec. 1886 his Caucasian photographs were shown (note by W. M. Conway, xiii. 176), and at the following June meeting he 'showed a series of them on the screen by means of a limelight lantern' (xiii. 352). This was the first occasion on which lantern slides were used at the Club, and it was some three years before the practice became common. Shortly afterwards some of his views were shown at the Liverpool Jubilee Exhibition (xiii. 338). The photographs shown in Dec. by Donkin and V. Sella, 'those two leaders of Alpine photography', are pronounced 'the most remarkable yet exhibited of the Alps' (xiii. 463).

An exhibition of Donkin's photographs, organized by the Committee of the A.C. and the Council of the Photographic Society, was held at the Gainsborough Gallery in March 1889 (notice by H. G. Willink, xiv. 309; a portrait of Donkin, also by Willink, appears at the head of the notice). A complete collection of his photographs was purchased by the Club, as a memorial of him, and is now kept in a cabinet in the Club rooms (xiv. 276, 414); a portrait of him (xiv. 277, 342) hangs there. A brass was placed in his memory in Eton College Chapel (xiv. 239).

Benjamin John Merrifield Donne

(May 1889, resigned 1904)

Born 18 July 1831.

Married, 1st, 1853 Jane, d. of Rev. Richard Beadon Bradley; 2nd, 1899, E. M. A. Swinny, d. of Rev. — Swinny of Cuddesdon College.

Educated privately.

An accomplished amateur landscape painter. His art has been the main interest of his life.

Author of 'Scattered Poems' (1896), 'Colloquy and Song' (1898).

Q. Artistic.

The first mention of him in A.J. refers to an exhibition of his

work at the Dowdeswell Gallery in Feb. 1884 (xi. 410), but regrets for his absence from the Club Exhibition in the following Dec. suggest that he was already a regular contributor to it (xii. 169). He sent 16 pictures to the Alpine Court at the Liverpool Jubilee (1887) Exhibition (xiii. 339), and for some years his name occurs frequently (see, e.g., xvii. 81, 341, xviii. 484), for the last time in Dec. 1898 (xix. 354). In recent years his place as a contributor has been taken by his son, Colonel H. R. B. Donne.

Henry Duhamel

(Feb. 1877, resigned 1888, Hon. Member 1916)

Born 9 Dec. 1853, Paris.

Educated Paris (Études classiques).

Married *c.* 1882–3.

In 1870, on the outbreak of the war, engaged in hospital work in Paris and organized a private ambulance, for which he received the thanks of the Mayor of the 3rd arrondissement. Remained in Paris during the siege and the period of the Commune.

He seemed naturally destined for a military career, but he was an only son, and his father had died when he was 13 ; he therefore elected to remain with his mother and never entered on any regular professional or business career. Being fond of an open-air life, he persuaded his mother, in 1873, to remove to Gières-Uriage in the Gresivaudan, a few miles from Grenoble, his home for the rest of his life.

He at once began the exploration of the neighbouring country and was soon attracted to mountaineering. In the early summer of 1875 was attached to a scientific mission to Algeria (he had joined the Soc. de la Géographie de Paris in 1872), travelled in the Jur Jura range, visited Biskra and the Chott Melghir, and made some topographical surveys (C.A.F. Ann. 1875, pp. 310, 334, 816 ; 'La Topographie du Haut Dauphiné', p. 25), but for the most part he was satisfied to confine himself to the French Alps and the exceptionally interesting sub-alpine regions surrounding Grenoble. It is only by chance that we know that he was at Cogne with Boileau de Castelnau in 1879, and his only recorded expedition beyond the above-mentioned limits is an ascent of Etna (1880). But within them he found full scope for his energies for many years in pursuing almost every conceivable form of activity

connected with Alpinism. An ardent geographer, his regard for the Paris Society was strikingly displayed in the discussion of a proposal to affiliate the S.T.D. to the Soc. Géogr. de Lyon. Duhamel, though essentially a local man, strongly opposed it, expressed doubts as to the value of the numerous geographical societies of France, and urged the S.T.D., if desirous of taking any step of the kind, to apply to the Paris Society (S.T.D. Ann. 1881, pp. 32–3). He seems to have begun at a very early date to collect old maps and geographical documents (see his communications to C.R. Soc. Géogr. Paris, with reference to his copies of d'Anville's maps.

As time went on he formed a very valuable collection of similar works relating to Dauphiné and the Franco-Italian frontier and to their military history, as well as collections of various kinds of Alpine antiquities and curiosities. One of his latest articles was on the first map of Dauphiné (Bull. Soc. Géogr. xxx. 1914–15).

A new interest entered into his life when his Alpine efficiency attracted the attention of the military authorities. General Baron Berge, military governor of Lyons 1888–9, who played a great part in developing the Chasseurs Alpins, insisted on having him appointed a sub-lieutenant of the reserve and made him his orderly officer, so as to have him always at his side, at the time when Crispi's policy seemed not unlikely to provoke a conflict with Italy. He entrusted Duhamel with many missions and reconnaissances, and his successors, Generals Zédé and De la Croix, also employed him frequently, while the Military Geographical Department made free use of his maps, and he received their thanks for valuable assistance on several occasions.

He took his military duties very seriously, and in addition to his obligatory terms of service served voluntarily in the years when he was not regularly called up. From 1903 onward he attended the courses at the School of Instruction of the General Staff at Paris. His assiduity led to his being cited in the official Bulletin of the Ministry of War, 19 March 1908. He was promoted lieutenant 1897, captain 1904, and made a Chevalier of the Legion of Honour, ' au titre militaire ', 1906.

In 1905, having been shocked by the low standard of topographical knowledge displayed by young officers in their examinations for promotion, he inaugurated a topographical course at Grenoble for students preparing for military service. This was so

successful that, at the request of the officers, he followed it up by ' conferences ' to them on the same subject (Report of Commission de Topogr. du C.A.F. 1903–6, p. 52).

Having reached the age limit in 1913 he obtained an appointment early in 1914 in the ' services spéciaux du territoire ', but on the outbreak of war sought more active duties, and was appointed to the 28th battalion of the Chasseurs à pied, and charged with the organization of the companies of Ski-runners and the centres of instruction for those units. The depot at Grenoble, where the special equipment and material for the ski-runners was to be manufactured and stored, was also placed under his direction. He carried out these tasks in a way which earned him the congratulations of the Governor of Lyons, 17 Feb. 1916. He had hoped to go into the actual fighting line, but a fall due to a slip on the frozen ground in Dec. caused him serious injuries. He refused to leave his work or to accept medical aid, and

Died 17 Feb. 1917. (In Memoriam, La Montagne, xiii (1917), pp. 80–97, in part by W. A. B. Coolidge.)

Q. Alpine.

A leading founder (see below), and original member of committee, of Isère Section of C.A.F., 1874 ; General Secretary, 1879–83 ; President, 1884–7 ; V.P., 1888–96 ; Honorary President, 1897.

Member of S.T.D. (1876) ; C.A.I., Aosta Section ; S.A.C., Section Geneva ; La Montagna.

In 1873 began weekly excursions in the Chartreuse, which extended through the winter ; thought of a winter ascent of the Chamrousse, but on seeking a companion found that the expedition was considered an 'inutile et dangereuse bravade'. However, he persevered, and in

1874 carried it out successfully towards the end of February with a chamois-hunter, but was caught in a fog and spent the night in the forest. He wrote a paper on the expedition, 34 years later, ' Première ascension d'hiver ', Rev. Alp. Dauph. xi. 84–7.

Made a passage of the *Pertuis de Chabrières* with John Ball (La Montagne, ii. 503 note, 567. *Mont Blanc*, 9/viii (C.A.F. Bull. 1874, p. 1).

Took a prominent part in the formation of the Isère Section of the C.A.F., 27/viii ; as President of the provisional ' bureau '

wrote to the President of the Club asking for the authorization of the Direction Centrale, and presided at the first general meeting, 18/xi, when he delivered an historical lecture on the various existing Alpine clubs—a full and careful summary, printed in Bulletin No. 1, pp. 23–32.

1875. *Mont Blanc, c.* 16/viii. Next day made the acquaintance of E. Boileau de Castelnau (q.v.), who asked to be allowed to join in his projected attack on the Meije. They spent four nights at the Rocher de l'Aigle, 20–4/viii, and their attempts resulted in the 1st ascent of the *Tête des Corridors*, 21/viii, and 5th ascent of the *Pic Central*, 23/viii (viii. 197). He took numerous photographs (one reproduced in the Annuaire, p. 316), also made some rough observations and resolved to make a more accurate survey of the massif, in view of its unsatisfactory representation on the French ordnance map (ix. 293; 'La Topogr. du Haut Dauphiné', p. 25). They crossed the *Brèche de la Meije* (8th passage, C.A.F. Ann. 1878, p. 29) and examined the S. face of the Meije, 25/viii (S.T.D. Ann. 1875, p. 84). Paper by him on the season, C.A.F. Ann. 1875, pp. 310–34.

La Grave to Venosc by *Col de la Lauze*, *Glacier du Mont de Lans*, Lac du Plan, and Alpe de Venosc, 25/ix (S.T.D. Ann. 1875, p. 85; C.A.F. Ann. 1875, pp. 301–9).

1876. *Pointe des Cabottes*, 21/vi; *Col Pindet*, 22/vi (1st ascent and passage, C.A.F. Bull. 1876, p. 25; S.T.D. Ann. 1876, pp. 52–3; he described the former expedition Ann. Alp. Dauph. 1895, pp. 85–7). Present at Alpine gathering at Tignes, 8/viii (C.A.F. Bull. 1876, p. 300; joint account by him and F. Perrin), and at the Congress of C.A.F. at Annécy, 13–15/viii; went on from the latter with a large party to Chamonix (Bull. 1876, pp. 131, 165); *Mont Blanc* (his 3rd ascent) up and down from Chamonix in a single day, 18/viii (paper C.A.F. Ann. 1877, pp. 87–97).

Attempts on S. side of the *Meije*, 25–7/ix (viii. 198; S.T.D. Ann. 1876, p. 64). He reached a height of *c.* 11,745 ft. and built a cairn which, as the Pyramide Duhamel, figures largely in the later history of the mountain. Paper, C.A.F. Ann. 1876, pp. 331–41, with a list of new expeditions still to be done in the Pelvoux massif. In a letter of 6/x/1876 (Bull. 1876, p. 272) he expressed 'avec assurance' the opinion that the Meije was unclimbable.

1877. *Colon*, with F. Perrin (q.v.), 10/v (S.T.D. Ann. 1877, p. 65).

Went to Bérarde on hearing of the fatal accident to H. Cordier (vol. II) and secured and kept the broken shaft of his ice-axe (see below, 1884–5).

Took part in carrying out a 'tournée', organized by Subsection Briançon, of guides and candidates for the position of guides, who crossed the Col de la Temple, 24/vi (xiii. 542; S.T.D. Ann. 1877, p. 74; C.A.F. Bull. 1887, p. 291).

Present at C.A.F. Congress at Grenoble, 12–14/viii; some of his photographs were on view at the exhibition held in connexion with the Congress, and at the 2nd session he showed lantern slides, then a novelty. Was one of the conductors of the caravan who ascended the *Chamrousse*, 14/viii (C.A.F. Bull. 1877, pp. 260, 273–82; S.T.D. Ann. 1877, p. 51–3). Thence went on to the inauguration of the Refuge Cézanne and subsequent banquet at Vallouise, 17–18/viii (C.A.F. Bull. 1877, pp. 290–7; S.T.D. Ann. pp. 60–2); crossed the *Col du Sélé*, with E. B. de Castelnau, 20/viii (S.T.D. Ann. p. 72).

1878. Joined F. Perrin and A. S. de Quatrefages at S. Christophe and, with Perrin, installed the apparatus for the meteorological station set up by Isère Section, 22–3/vi; unwell for two days, then joined Perrin in tracing out the route of the path planned by Isère Section up Tête de la Maye, 26/vi; *Col des Sellettes*, 3rd passage, 27/vi (C.A.F. Ann. v. 80–1); 1st ascent and passage of the W. (2nd) summit of the *Vaxivier* and *Col de la Muande Bellone*, 28/vi; *Col des Écrins* and 1st passage from S. to N. of *Col Émile Pic* with A. S. de Quatrefages, an expedition which ended in a race to catch the Lautaret diligence, 1/vii; at Refuge de l'Alpe (with W. A. B. Coolidge), 2–3/vii; *Col Laurichard*, 4/vii; 1st ascent of *Pic Gaspard*, 6/vii (paper C.A.F. Ann. 1878, pp. 90–109; cf. pp. 70–2, 80, 85).

Second ascent, by a new route up the NE. arête, of the *Grande Ruine*, 10/viii; worked on the summit with theodolite and camera from 10.30 a.m. to 4 p.m.; night out near Brèche de Charrière; by *Brèche de Charrière* to La Bérarde, where he revisited the *Tête de la Maye*, 11/viii (he wrote a paper on these expeditions, Levasseur, p. 187); 2nd ascent of *Le Plaret*, 12/viii; 1st passage of the *Brèche Giraud Lézin*, 13/viii; joined his fellow Commissioners at Lautaret at midnight and took part in organizing the

S.T.D. fête, which was held 15/viii ; *Col de la Lauze* (with H. Vincent and others), 17/viii ; *Clot du Clot des Cavales*, 18/viii ; traversed *Pyramide du Laurichard* to the Lautaret, 19/viii ; by *Col de l'Homme* to Rocher de l'Aigle, 20/viii ; spent the morning surveying and sketching on the Pic de l'Aigle, made the 1st ascent of the *Pic Oriental* of the *Meije* ; crossed the ridge between the Pic and Bec de l'Homme (I can find no other reference to this pass) and reached the Lautaret at 11.25 p.m., 21/viii ; ascended the two peaks of the *Grand Galibier*, 22/viii ; by *Cols de Galibier, des Rochelles*, and *de l'Échelle* to Bardonnèche, 24/viii (paper, C.A.F. Ann. 1878, pp. 110–32).

Represented the S.T.D. at C.A.I. fête at Ivrea, 25–6/viii ; and made a speech on ' The Conservation of Refuge Huts ' (Boll. xiii. 141 and 176–7) ; represented the C.A.F. at S.A.C. fête at Interlaken, 12/ix (S.A.C.J. xiv. 587 ; C.A.I. Boll. xiii. 264) ; at International Alpine Congress at Paris, 6–10/ix ; at Paris Congress of C.A.F. (Bull. p. 150).

1879. *Brèche du Râteau* (met Gardiner and the Pilkingtons returning from the Meije), 26/vii ; *Col des Chamois*, 27/vii ; 1st ascent and passage of the *Serret du Savon* and *Col des Corridors* (thus completing his line of exploration N. of the Meije), 28/vii ; 1st passage of the *Col Claire*, 30/vii ; 2nd passage of *Col du Pavé* (his *Col de Castelnau*), 30/vii ; 1st ascent and passage of the *Rocher de l'Encoula* and *Col de l'Encoula de Petit Pierre* (*Col de l'Étret*), 1/viii ; 1st passage of the *Col du Vallon des Étages*, 2/viii ; 1st passage of the *Col de la Gandolière, Col de la Grande Ruine*, 3/viii (ix. 362 ; C.A.F. Bull. 1879, p. 178 ; paper, S.T.D. Ann. 1879, pp. 69–95).

At S. Christophe for the Alpine gathering organized by the Isère Section, 14–17/viii (C.A.F. Bull. 1879, p. 107–11) ; *Col du Sélé*, with E. Boileau de Castelnau, 24/viii (S.T.D. Ann. 1880, p. 46). Later they visited Cogne together (D. Vallino, ' Album d'un Alpiniste. Dans la vallée d'Aoste ' ; Bull. 1882, p. 267). The firstfruits of his survey work appeared as a Topographical Note, ix. 293–7 (published separately in French at Grenoble), with a map, dated 1878, extending from the Râteau to the Brèche de Charrière. This and his later contributions to A.J. were translated by W. A. B. Coolidge.

1880. Easter tour in the Vosges with members of Lyons Section (Bull. of Lyons Section, iii. 36–45). On the commission

of S.T.D. for organizing their Alpine gathering at La Chapelle en Volgodemar (held 28/viii, S.T.D. Ann. 1880, p. 17).

Mont Aiguille, with F. Perrin, 14/vii (S.T.D. Ann. p. 37 or 87 ?).

From La Bérarde reached Col des Avalanches at 12 o'clock ; started up S. face of *Barre des Écrins* and saw his way to the top, but turned back at 3.30 and was benighted on the glacier du Vallon, 25/viii ; 1st passage of *Pas de la Coste Rouge* and 1st ascent of the *Pic de la Temple* (Rev. Alp. Dauph. iv. 102), 27/viii ; *Col des Fétoules* (S.T.D. Ann. 1880, p. 41), 29/viii ; 1st passage of *Col des Cornes de Pic Bérarde*, 1/ix ; and the 1st ascent from the S. of the *Barre des Écrins*, 3/ix (x. 82). Papers, x. 219 ; C.A.F. Ann. 1880, pp. 3–22, abridged English version, x. 219–26, and Levasseur, p. 175. See C.A.F. Ann. 1882, pp. 42, 55, 67.

Ascended *Mt. Etna*, 18/ix, and attended C.A.I. Congress at Catania, 20/ix (C.A.F. Bull. 1880, p. 128 ; Bull. of Lyons Section, iv. 88–99).

1881. At S. Christophe, 6–7/vii, engaged in negotiations for purchase by Isère Section of a chalet at La Lavey (described by W. A. B. Coolidge, S.T.D. Ann. 1881, p. 74; 1883, pp. 97–8) ; *Col de la Lavey*, 8/vii (S.T.D. Ann. 1881, p. 85) ; *Aiguille du Plat* (5th ascent, new route by SE. face), 10/vii (x. 346 ; paper, C.A.F. Ann. viii. 3–12, with panorama) ; *Cols de la Haute Pisse, de la Muzelle*, and *de la Coche de Sanchatra* (1st traveller's passage), 11/vii (S.T.D. Ann. p. 55).

At C.A.F. Congress at Pralognan, 13–15/viii (Bull. of Lyons Section, iii. 101).

1882. *Cols des Chamois* ; *de Montagnolle*, 11/vi ; *du Sellar*, 12/vi ; and *du Chardon*, 14/vi, with H. Vincent (C.A.F. Bull. 1882, p. 228 ; S.T.D. Ann. pp. 126–33) ; *Col de la Temple* and exploration of *Crête de la Temple* and *Haut Glacier Noir*, 16/vi ; discovered and made the 1st passage of *Col de l'Ailefroide*, 17/vi ; by La Lauze (Dauphiné C.G. p. 2) and Mont de Lans to Clavans, 18/vi ; 1st passage of *Col du Grand Sauvage* and new route up the N. summit of the *Grandes Rousses* (*l'Étendard*), 20/vi ; 1st ascent of the *Pic Central de Belledonne*, 22/vi (xi. 107, and see S.T.D. Ann. 1882, pp. 128, 134) ; to Courmayeur, 23–4/vi ; made a variation on Sir J. H. Ramsay's route to the Mur de la Côte (Kurz, p. 105), descending thence, owing to a high wind, to the Grands Mulets, 27/vi ; *Mont Blanc*, 28/vi. He wrote a paper on these expeditions, ' De Vallouise à Chamonix ', C.A.F.

Ann. xi. 52, and see ibid. xviii (1891), pp. 452–4, where there is a sketch made by him showing in outline the crevasses at the summit of Mont Blanc.

This was the end of his new expeditions and climbing papers, but for several years he remained actively interested in the affairs of the Club and of the Isère Section. In 1883, on retiring from the General Secretaryship of the latter, he reviewed the work of the Section since its foundation, with special reference to paths, sign-posts, refuges, and chalet-hôtels (Bull. 1883, pp. 298–300). In all such matters he had played a very prominent part and continued to do so during his Presidency (1884–7) and for some years afterwards. As to sign-posts, see Bull. 1885, p. 2; refuges, Bull. 1884, pp. 2, 25, 1887, p. 298. He wrote a paper on the chalets and refuges of the Alps of Dauphiné in 'Le Dauphiné', 1886, and interested himself especially in the planning and construction (1885–8) of the chalet-hôtel de la Pra, near his own home at Gières (see below).

His first review, as President, of the year's work of the Isère Section is printed Bull. 1885, pp. 29–32, and another presidential speech at the fête at Revel Uriage, ibid. pp. 256–7. He was a frequent attendant at the banquets and fêtes of the Lyons Section, read papers to the Paris, Lyons, and Madeleine Sections, played a large part in the foundation of the Drome Section, Feb. 1888, and read a paper at Valence to help to give it a start and attended the Whitsuntide regional meeting of the South-Eastern Sections at Valence in 1892.

In 1884 he wrote a note (Bull. pp. 173–4) on the cross placed by the C.A.F. in memory of Henri Cordier on the scene of the accident, and on a memorial service held at S. Christophe, 9/vi. Shortly afterwards a shepherd found the missing head of Cordier's ice-axe, for which Duhamel had often searched in vain, and brought it to him. It enabled him to reconstruct the catastrophe, which was due in his opinion to the breaking off of the head at the critical moment owing to faulty construction. He lectured on the subject at the International Alpine Congress held at Turin in 1885 (C.A.I. Boll. xix (1885), pp. 24–8), and wrote a paper on it, C.A.F. Ann. 1885, pp. 529–35.

The chalet-hôtel de la Pra, his special hobby (see Bull. 1886, p. 113, 1888, pp. 37 and 200), was completed in 1888. He read

a paper about it at the general meeting of the C.A.F., 30/iv/1889 (Bull. 132–3, Ann. 1888, pp. 665–6), and I have little doubt that the unsigned paper on the same subject, in which his name is never mentioned, was also written by him. The inauguration took place 27–9/vii/1889, and was described by C. Durier (Bull. pp. 259–68, cf. p. 257), with whom Duhamel ascended the *Grand Pic de Belledonne*, 2/viii. Was on the Commission for organizing the C.A.F. department at the Paris Exhibition, 1889, and was among those specially thanked by the Direction Centrale (Bull. pp. 1 and 214–15).

In 1891 he insisted that the term of M. Viallet, his successor in the presidency of the Isère Section (1888–91), should be extended by a special modification of the statutes to 1892 (Bull. 1892, p. 288), the year of the C.A.F. Congress at Grenoble and the Alpine Exhibition held there in connexion with it, but it was Duhamel himself, as commissionaire general for the Exhibition, who was the leading figure (see Bull. 1892, pp. 194–215 passim ; his collection of Alpine curios, &c., are mentioned p. 200). He was one of those who received a commemorative medal from the Direction Centrale for his exertions (ibid. p. 294). Acted as conductor of the collective excursion up the *Croix de Belledonne*, 8–9/viii.

1894. *Croix de Belledonne*, with his son Louis, aged 8 (S.T.D. Ann. p. 95).

1897. By *Col du Clot des Cavales* to La Bérarde on a commission from the P.-L.-M. railway in connexion with a mule-path up the Tête de la Maye, 27/vii, and ascended the *Croix de Belledonne*, with his daughter Denise (aged 10) and his sons Louis (11) and François (5), 30–1/viii. Otherwise his name vanishes from the records for the next 6 years.

In the meantime he had been devoting himself more and more completely to Alpine topography, history, and kindred topics. In 1884 he competed for the prize offered by the S.A.C. for the best essay on ' Alpine Dangers ', and was awarded the 2nd prize of 100 francs. It seems uncertain whether this essay was ever published. His map of the Écrins massif appeared in C.A.F. Ann. 1882, that of the Meije massif, ibid. 1885. The ' Guide du Haut Dauphiné ', the idea of which first took root in 1884, was published by him, W. A. B. Coolidge, and F. Perrin (q.v.) in 1887 and a supplement in 1890 (revised English ed., in Climbers' Guides Series, 1892 and 1905 ; German ed. 1913). The famous map

of the whole Pelvoux massif appeared in 5 sheets in 1889, a 2nd ed. in 1892, and a 3rd with a 6th sheet in 1909. It was awarded a medal by the French Association for the Advancement of Science in 1892. He collected much material for two more sheets for the Grandes Rousses-Aiguilles d'Arve and Sirac-Chaillol districts, but they were never completed.

In 1890 came the Alpes Dauphinoises, Part I, in the series of Itinéraires généraux de la France of the Guides Joanne, an elaborate work including the region Lyons, Valence, Grenoble, and Chambéry, the Grande Chartreuse, the Allevard and Uriage districts, the Belledonne and Taillefer massifs, the district of La Sallette, and the Royannais and the Vercors. (Part II, which was to have comprised the whole of the Central Dauphiné Alps, and a good deal more, never appeared.) He also revised and completed the description of the peaks and passes of the Maurienne and the Tarentaise in the companion volume on Savoy (1891), and in 1893 published ' Grenoble considéré comme centre des excursions alpestres ', with a panorama of its environs and a plan of the city.

His work on the historical topography of the French Alps, a domain which he made specially his own, began with a number of notes to an article, ' Précis d'un voyage à la Bourg en Oisans dans les grandes montagnes de la Province du Dauphiné ' (by the botanist Villars in 1786), printed C.A.F. Ann. 1886, pp. 633–54, and an article on ' The Ancient Glacier Passes of Dauphiné ', xiii. 538–43. They were followed by annotated editions of De la Blottière's ' Mémoire concernant les Frontières de Piémont, France, et Savoie ' and the Marquis de Pezay's ' Noms, situations et détails des vallées de la France le long des Grandes Alpes dans le Dauphiné et la Provence ', issued by the Bibliothèque Alpine Militaire, 1891 and 1894, and ' La Topographie du Haut Dauphiné : Notes historiques ', Rev. Alp. 1896, pp. 189–213, reissued with corrections by the same institution. These three works, together with his map and an annotated edition of the Marquis de Paulmy's ' Voyage d'inspection des Alpes en 1732 ', with illustrations and maps (1902 ; see C.A.F. Bull. 1902, pp. 285–6), gained for him the Prix Jomard from the Soc. Géogr. de Paris in 1904.

He also wrote articles on ' Les rations condensées accélératrices ', invented by Dr. Heckel, which were exciting considerable

interest at the time, with a note on ' Noix de Kola ', C.A.F. Bull. 1889, pp. 28 and 64 ; an account of the accident on the Meije in 1886, ibid. 1896, pp. 28–85 ; ' Notes pour faciliter les reconnaissances en montagne ' and ' Notes sur l'entraînement ' (practical hints for young mountaineers), Ann. Alpinist. Dauphinoises, 1895 and 97. This period culminated in the production of his best-known work, ' Au Pays des Alpins ' (1898).

In 1899 he was added, at the request of the Commission itself, to the Commission for organizing the C.A.F. Section at the Paris Exhibition, 1900. In this he took a very active part and was awarded a silver medal (C.A.F. Bull. 1900, pp. 34, 137, 179, 289 ; Ann., p. 518).

1900. At the Châtelleret Hut with his eldest son, 7/viii, intending to ascend the Meije ; a snow-storm followed (which cost three lives on the Barre des Écrins ; cf. xx. 259), and the only result of his expedition was that he provided hot soup at 3 a.m., 8/viii, for a guideless German party returning from the Meije after a night out (Rev. Alp. Dauph. iii. 45 ; he described the episode, ibid. xi. 1–6). The attempt on the Meije does not appear to have been renewed.

He was also the leader, on an undated three days' trip, of a guideless party of six, which included a husband and wife and their 15-year-old son ; the section led by him crossed the *Col de la Muande* and returned by the *Col du Says* ; the whole party then ascended the *Sommet des Rouies*, and the family returned with Duhamel by the *Col de la Lavey* (paper, Rev. Alp. Dauph. viii. 4–11).

By degrees he resumed a prominent position in the Club ; was appointed a member of the Topographical Committee of the C.A.F. in 1902. In 1906 the Isère Section gave a banquet on his appointment to the Legion of Honour and decided to give the name of Pointe Duhamel to the W. summit of the Vaxivier (La Montagne, ii. 129 ; see above, 1878). In the same year he was added to the Commission for organizing the First International Ski Competition at Lautaret, held 9–13/ii, 1907. He did his full share of work as usual, and gave a prize for a guides' race. He is said to have used ski (or snowshoes ?) successfully on the Chamrousse massif as early as 1878 (La Montagne, vi. 279). I cannot trace any records of his early exploits, but he was undoubtedly a pioneer in this as in other departments of Alpine activity (La

Montagne, iv, pt. ii. 193), and most probably wrote the beautifully illustrated 'Étude sur les raquettes' in S.T.D. Ann. 1893, p. 189.

He was a collector in this line also, and exhibited a case of 'retrospective history' at the Winter Sports Exhibition held in connexion with the Lautaret competition (La Montagne, iii. 136); a similar exhibition by him illustrating first efforts at winter sports in France formed a side show at a photographic competition held in 1909 (La Montagne, v. 66). He continued to interest himself, as a prize-giver and otherwise, in later ski-competitions, and wrote a preface to the French edition of the work on ski-ing by H. Hoek and E. C. Richardson (1908).

Represented the Isère Section on two occasions at La Bérarde (1907, 1908) at the funerals of Italian victims of the Meije (Rev. Alp. Dauph. x. 280, xi. 8–9).

1912. Present at a gathering organized by the Isère Section, 29/ii, in honour of Père Gaspard, who had recently, owing to the efforts of Duhamel and others, been made an 'officier de l'Académie' (Duhamel's speech is given in La Montagne, 1912, pp. 197–8). Present 24/iii at first meeting of Delegates of the C.A.F. under the new statutes of 1911.

Though he was one of the earliest Alpine photographers only two of his photographs appeared in the Annuaire, though several served as material for drawings by F. Schrader and others. Maps by him appeared of the Écrins massif, C.A.F. Ann. 1882, p. 4, and of the Meije massif, ibid. 1885, p. 7.

Rev. James Duncan

(May 1881, resigned 1892)

Son of Alexander Duncan, cabinet-maker.

Married 1887 Cecil Ursula, d. of Francis Turner Palgrave (D.N.B.)

Educated Marischal College, Aberdeen; M.A. 1858.

H.O. 1862. Curate of Alverstoke, Hants, 1862–7; of Christ Church, Albany Street, London, 1867–70. Secretary of the National Society, 1871–91.

Canon of Canterbury, 1891.

Honorary Secretary of the Archbishop of Canterbury's Com-

mittee on Voluntary Schools, of which the report was published on the day of his death.

Died 7 Jan. 1895. (The Times.)

Q. Alpine.

François Henri Dunod

(June 1888, resigned 1899)

Educated St. Cyr Military School.

Joined the 12th Battalion of the Chasseurs Alpins. Captain, *c.* 1892.

Q. Alps, 1882–7, and Mount Olympus (Asia Minor), 1887.

Member of C.A.F., Paris Section, 1880; Isère Section, *c.* 1890. C. 1890 and 1893–7.

1883. *Dent du Géant*, 5/viii; High Level route, and attempt at new route up *Grand Combin*, 7/viii (letter from him C.A.F. Bull. 1883, pp. 312–13); *Matterhorn*, 17/viii.

1885. *Aiguille du Dru*, 18/viii; after attempts, 7/viii, 9/viii (Kurz, p. 95), 11 and 25/viii, made the 2nd ascent, by a new route by the SW. ridge, of the *Aiguille de Grépon*, 2/ix. (Paper, 'Un Mois autour de l'Aiguille de Grépon', C.A.F. Ann. 1885, pp. 88–100; Mummery, p. 139.)

1886. *Aiguille Verte*, 11/viii; 2nd ascent of *Aiguille des Charmoz*, 13/viii (Mummery, p. 110); *Aiguille* and *Col de Triolet*, 16/viii; 6th ascent of the *Petit Dru*, 31/viii (C.A.F. Ann. 1887, pp. 97–8); *Meije* (12th ascent), in remarkably quick time, and crossed the *Brèche de la Meije* to La Grave the same day, 11/ix (xiv. 326; S.T.D. Ann. 1889, p. 64).

1887. Made a traverse of the ridge of the *Aiguille des Charmoz*, mentioned xiii. 408–9; and the 1st passage from the *Aiguille du Dru* to the *Petit Dru*, 31/viii (xiii. 409; papers, C.A.F. Ann. 1887, p. 97; Levasseur).

Contributed a chapter on 'Alpinisme militaire' to the 'Manuel d'Alpinisme' issued by the C.A.F. (1904).

1890. Inaugurated military winter expeditions. Made the 1st winter ascent of the *Croix de Belledonne*, with two chasseurs of his battalion and an engineer officer, 23/ii; spent six days at Chalet de la Pra with ten chasseurs; ascended the *Croix de Belle-*

donne, 5/iii ; crossed the *Col de la Vaudaine*, 7/iii, and ascended the *Chamrousse* (S.T.D. Ann. 1890, pp. 79, 81 ; Duhamel, 'Au Pays des Alpins', pp. 69–71); ascended the *Signal de Taillefer*, 30/iii, on snow-shoes (S.T.D. Ann. 1889, p. 57) ; *Brèche de la Meije*, 11/vi (S.T.D. 1890, p. 87).

In July made a tour of the Meije with twelve men, crossing the *Cols d'Arsine* and *du Clot des Cavales* from Monetier to La Bérarde, 22–3/vii ; the *Brèche du Râteau* and *Col de la Lauze* to La Grave, 25/vii (S.T.D. Ann. pp. 82–90 ; Duhamel, p. 79). (He read a paper on the year's expeditions before the Isère Section, C.A.F. Bull. 1891, pp. 41–2.)

1891. Prepared the way for and assisted generally a large sectional expedition of the Isère Section to Croix de Belledonne, 13/ii (Bull. 1891, pp. 75–6, 78–80). Ascended the *Croix de Belledonne*, with a chasseur, in nine hours up and down from Domène, 22/ii ; repeated the ascent with the 3rd Company of his Battalion (64 in all), 27/ii (Duhamel, p. 72).

1892. Having informed M. Janssen of his intention to make a winter ascent of *Mont Blanc*, he was invited by Janssen to inspect the little cabane which he had had erected after his ascent in 1890 (see C. Durier) and to report on the plans for the projected observatory, which was erected shortly afterwards (1892–3) ; made the ascent from Chamonix, with a variation on the ordinary route, 21/i (C.A.F. Ann. 1891, p. 447 ; Bull. 1892, p. 28 ; S.A.C.J. xxvii. 380 ; Kurz, p. 102 ; Duhamel, p. 121 ; see C.R.Ac.Sci. 1892 and Bull. 1892, pp. 80–3, for accounts by Janssen with special reference to Duhamel's observations).

Made a tour of Mont Pelvoux and Pic d'Olan with a similar party to that of 1890, crossing the *Col de la Temple*, 30/vii ; *Col du Sellar*, 31/vii ; *Col de Turbat*, 1/viii ; *Col de la Haute Pisse*, 3/viii (S.T.D. Ann. pp. 132–40 ; Duhamel, p. 86).

1895. *Col de la Temple*, 21/vi ; *Col Émile Pic*, 22/vi (S.T.D. Ann. 1895, pp. 88, 90).

Cols de la Temple, 18/viii ; *de la Grande Ruine*, 19/viii ; *de la Lauze*, 20/viii (S.T.D. Ann. pp. 81, 87, 98) ; conducted three entire companies of his battalion over *Cols de la Temple* and *de la Lauze*, 24–8/viii (Duhamel, pp. 90–8 ; the earlier expeditions were preparatory to this operation, see 'Manuel d'Alpinisme') ; *Rochebrune* (S.T.D. Ann. p. 97).

1906. Appointed, with others, by Direction Centrale of the

C.A.F. to consider a proposal to hold a ski competition at Lautaret (La Montagne, ii. 302).

For the next 2½ years he worked indefatigably in this department. A commission, of which he was the leading member, was appointed to organize the meeting, which developed into an International Ski Competition and was held with brilliant success. In 1907 a permanent Winter Sports Commission was appointed, of which he was the spokesman and moving spirit, and the Ski Competition became an annual institution.

He was the principal organizer of the meetings at Chamonix, but was obliged to hand over the management of the third meeting to M. Henri Cuënot, owing to overwork. He remained on the Winter Sports Commission till 1914, and was a frequent donor of prizes, up to the seventh and last meeting (1913).

Also served on the Commission de Tourisme et Voyages, and the Publications Commission, 1910–13.

Edward Downes Law, Baron Ellenborough

(April 1878, d.m. 1915)

Born 9 May 1841. Son of Hon. Henry Spencer Law and Dorothea Anne, d. of Colonel Rochfort of Clogrenane, Co. Carlow ; grandson of 1st Baron Ellenborough. Succeeded his cousin as 5th Baron, 1902.

Married 1906 Hermione, d. of E. W. K. Schenley, Rifle Brigade.

Educated Charterhouse. Entered the Royal Navy, 1854.

Served as a naval cadet on board H.M.S. *Colossus* in the summer of 1855 during the Crimean War (Baltic medal) ; as a midshipman on the *Highflyer* during the Chinese War, 1857–60, and took part in the blockade of the Canton River (Chinese medal ; Canton clasp). Sub-lieutenant, 1860. Lieutenant, 1861. Served on the North American and West Indies station during the American Civil War ; as Lieutenant commanding the *Coquette* on the Gold Coast during the Ashanti War, 1873 (Ashanti medal). Passed as Naval Interpreter in French at the Royal Naval College, 1867. Retired with the rank of Commander, 1873.

Made a vigorous attack on the Declaration of London on the second reading of the Naval Prize Bill in the House of Lords, December 1911, which he illustrated by several personal reminiscences.

Author of 'Diagrams on Work Books and Diagrams on Mercator Charts'; 'A Short and Easy Method of Correcting the Centring Error of a Sextant when at Sea' (Nautical Magazine, 1901).

Died 9 Dec. 1915. (Who's Who; The Times.)

Q. Alpine.

Note on 'India-rubber versus Paper as a material for Alpine Maps', x. 40–1; and exhibited some specimens at a meeting, 4/v/1880 (x. 48).

1892–4. Served on the Alpine Distress Signal Sub-Committee. See xvii. 151–2 and Appendix.

1876. Started for *Mont Blanc* in a storm, described by J. Nérot (q.v.), 7/ix (C.A.F. Bull. 1877, pp. 171–4).

1877. *Mont Blanc*, 10/ix.

Alexander Emslie

(1880, resigned 1915)

Born 29 April 1845. Son of Dr. Alexander Leith Emslie and Mary Ann, d. of John Fraser, factor and commissioner to the Earl of Seafield.

Married 1888 Helen Jane, d. of Rev. Dr. James Macintosh, D.D., of Deskford, Banffshire.

Flax merchant and manufacturer, Dundee, till 1885; then came to London and became a member of the London Stock Exchange. From 1898 resided at Sutton, Surrey.

Died at Sutton 4 June, 1917.

Q. Alpine.

Captain John Percy Farrar, D.S.O.

(Dec. 1883, C. 1905, V.P. 1909–11, P. 1917–19, Assistant E. 1909–19, Joint E. 1920–6)

Born 25 Dec. 1857. Son of Charles Farrar, M.D., of Chatteris, Cambridgeshire, and Helen, d. of John Howard of Bedford. Cousin of H. Barrett (q.v.).

Married 1886 Mary, d. of F. Beswick of Queenstown.

Educated Lausanne.

South African merchant. Member of the firm of Howard & Farrar, later Farrar Brothers.

Lived on or near the Lake of Geneva, 1895 to 1900.

Served in the war in S. Africa in the Kaffrarian Rifles (mentioned in dispatches ; D.S.O., 1900).

Q. Alpine.

Member of Austrian Alpine Club ; Climbers' Club, 1909.

1881. *Pateriolspitze*, 1/viii (E. ii. 41 ; M.A.V. 1882, p. 50) ; 1st ascent of the W. (lower) peak of the *Stammerspitze*, 4/viii (x. 360, xii. 124 note ; E. ii. 33). Made one of the earliest ascents of the *Äussere* (*Vordere*) *Ölgrubenspitze* and the 1st ascent of the slightly lower N. peak, 8/viii (x. 361 ; E. ii. 305 ; Z.A.V. 1904, p. 388).

1882. *Weisshorn* (xi. 417), *Matterhorn*, *Dent Blanche*, *Rothorn*, *Théodule*, and *Furggenjoch* in 10 days. Made an attempt on the *Zimbaspitze* direct from the Rellstal by the S. face, but had to cross the E. arête and join the ordinary route to the top (E. i. 30) ; *Scesaplana* from the Kleine Fürkeli or Solarneljoch ; *Fluchthorn* (Ö.A.Z. 1882, p. 279).

1883. *Wetterhorn* ; *Schreckhorn* ; *Jungfrau* traversed from Wengern Alp, 6/viii (M.A.V. 1884, p. 177) ; *Finsteraarhorn* from the Studerfirn by SE. arête, 11/viii (note by him, xi. 368–9, arguing for the authenticity of the ascent by this route of Rudolf Meyer's guides in 1812 ; xiii. 422 ; Z.A.V. 1883, p. 503 ; but see D.A.Z. ii. 119) ; *Weisshorn* (2nd ascent, by a new route, of the W. face), 15–16/viii (xi. 416, cf. xiv. 515–16 ; Ö.A.Z. 1883, p. 312). See Ö.A.Z. 1883, p. 256, and List, ibid. 1884, p. 38.

1892. *Tour d'Ai* ; *Dent de Bonaveau* ; *Dent du Midi* ; *Dent de Morcles* ; *Grand Möveran* ; *Pierre Cabotz* (twice) ; *Petite Dent de Morcles* ; *Pointe des Martinets*.

Schönfeldspitze ; *Watzmann* from S. Bartholomä (5th ascent by this route), 1/vii (E. i. 293) ; *Grosse* and *Kleine Bischofsmütze* (4th ascent of the latter, see E. i. 354, probably by a new route), 4/vii ; *Wiesbachhorn* traversed ; *Gross Glockner* traversed, 9/vii ; *Elferkofel*, 15/vii (E. iii. 529) ; *Dreischüsterspitze* (6th ascent by W. face), 19/vii (E. iii. 505) ; *Grosse* and *Kleine Zinne*, 24/vii ; *Egginerhorn-Mittaghorn* arête ; *Rimpfischhorn* traversed from Adler pass, 8/viii ; *Matterhorn* traversed, with Mrs. Farrar, from

Zermatt to Breuil, 15/viii ; re-traversed from Breuil to Zermatt in a single day (ascent, 6 h. 24 m. ; descent, 3 h. 52 m. ; halts, 1 h. 49 m. ; total, Breuil to Zermatt, 12 h. 5 m.), 17/viii (Ö.A.Z. xiii. 2, 234, 279) ; *Gabelhorn* traversed from Arbenjoch to Zermatt, 28/ix (Ö.A.Z. xiii. 259) ; *Riffelhorn* by the 'Matterhorn' couloir, with W. E. Davidson and E. Whymper (3rd ascent by this route), 3/x ; *Grosse Windgälle* (probably 5th ascent of W. peak), 15/xi ; *Fleckistock* ; *Cime de l'Est* (Ö.A.Z. 1893, pp. 175–6). He described some of these expeditions (Ö.A.Z. xv. 174–6).

1893. *Balmhorn* and *Altels* ; *Diablerets* ; *Tour de St. Martin* ; *Oldenhorn* ; *Blümlisalphorn* ; *Aiguille Rouge d'Argentière* (? = *du Dolent*), with H. Topham, 13/vi ; *Tour Noir*, 18/vi, and *Aiguille d'Argentière*, 19/vi, with Topham and H. E. Marsh (Marsh, pp. 149–61) ; *Roche du Grand Galibier*, 25/vi ; *Brèche de la Meije*, 27/vi ; *Meije* (62nd ascent), 28/vi ; *Barre des Écrins* traversed, with R. Corry (78th ascent), 1/vii (Ö.A.Z. xv. 184) ; *S. Aiguille d'Arves*, 13/vii ; *Meije* from La Grave to La Bérarde in a single day (66th ascent ; 2nd traverse in this direction ; see Z.A.V. 1895, p. 83, and La Montagne, 1909, p. 595 and MS. note by him), 19/vii ; *Col de la Temple*.

Mont Blanc by the Brenva glacier (5th ascent), 25/vii (xxvi. 173) ; *Aiguille du Dru* ; *Petit Dru* ; *Aiguille de Grépon* (traversed) ; *Aiguille des Charmoz* (traversed) ; *Dent du Géant* ; *Col du Géant* ; *Aiguille Noire de Peuteret*, 20/vii (11th recorded ascent, xvi. 504 ; R.M. 1903, p. 252) ; *Aiguille Blanche de Peuteret*, ascended from the Brenva glacier, thence traverse of *Mont Blanc de Courmayeur* and *Mont Blanc*, 27–8/viii (2nd ascent [11 days after the 1st] by this route, xxiv. 691, xxv. 53–4 ; R.M. 1893, p. 240) ; *Col du Midi* ; *Col du Géant* ; *Dents du Midi*, all 9 summits in one day (de Breugel Douglas's 'D. du Midi', p. 61, and xxv. 55) ; 2nd ascent, with improvements, of the S. face of the *Bietschhorn*, 15/ix (he wrote a paper on this and the earlier ascent, xviii. 474 ; cf. xxiv. 88, xxv. 54). S.T.D. Ann. 1893, pp. 76–90.

1894. With T. L. Kesteven, *Mont Pelvoux*, 21/vi ; *Col du Sélé*, 22/vi ; *Aiguille du Plat* traversed. *Col du Graou*, 23/vi ; *Pic d'Olan* traversed, 26/vi (La Montagne, 1908, p. 196 ; S.T.D. Ann. 1914, p. 118) ; *Col du Chardon*, 27/vi ; *Meije* (traversed from La Bérarde to La Grave ; the 78th, and his 3rd, ascent), 30/vi. S.T.D. Ann. 1894, p. 121.

Gross Seehorn, *Gross Litzner*, *Klein Seehorn* traversed; *Verstanklator*.

Ascended *Monte della Disgrazia* from the Forno Hut, over *Monte Sissone* and *Pizzo Pioda* by SW. face, 15/vii ('Alpina', 1897, p. 96; cf. p. 109), making a new route up the latter; recrossed Pizzo Pioda to the Passo di Mello, descended E. to the Disgrazia glacier, skirted the E. base of Cima di Rosso and Cima di Vazzeda to the Muretto pass route, and reached Sils Maria in a single day, 16/vii (Bernina C.G. i. 195, 200, 205; C.A.I. Boll. xi. 313); *Fuorcla Fex-Scerscen*; *Piz Roseg*; *Crast' Agüzza* (1st ascent by SW. face), 21/vii (xxvi. 198); *Piz Bernina*; *Piz Kesch* by SW. face, 25/vii ('Alpina', 1897, p. 96; cf. p. 109); *Tödi*; *Wetterhorn* and *Mittelhorn*; *Schreckhorn*; *Fletschhorn*; *Laquinhorn*; *Dom*; *Matterhorn* (up and down by the Zmutt arête; 1st descent; Mummery, p. 23).

All peaks were traversed except Mont Pelvoux, Monte della Disgrazia, and the Matterhorn.

1896. *Table Mountain*; *Cime de l'Est*; *Dent de Morcles*; *Col du Grand Combin*. See list, Ö.A.Z. 1897, p. 34.

1897. *Trettachspitze*, *Hochfrott-Mädelegabel*, *Hofäts* (traverse of all 4 peaks), *Kaltenwinkelscharte*, *Hochvogel* (Algäu Alps, E. i. 56–61, 78, 86), *Zugspitze*; *Tiefkarspitze*, *Birkkarspitze*, *Kaltwasserspitze* *Moserkarscharte* (Karwendel group, E. i. 197–202); *Kuchenspitze*, *Kuchenjoch*, *Küchelspitze* (Ferwall group, E. ii. 44–8); *Scesaplana* *Klein Viescherhorn* (see Bernese C.G. ii. p. 12); *Jungfrau* (traversed from the Rottal to the Wengern Alp); *Wetterhorn*; *Wetterhorn* by the Hühnergutz glacier (? J. Baumann's route, xxv. 559, referring to Bernese Oberland C.G., vol. ii, German ed.). *Schreckhorn* from the Lauteraarfirn, *Lauteraarjoch*. *Mönch* up and down from and to the Wengern Alp, 14/viii (xxxv. 36, note). *Eiger*.

1898. *Amajuba* (Natal).

Aiguille de la Za; *Dent des Bouquetins*; *Col de Bertol*; *Aiguilles Rouges d'Arolla*; *Mont Collon* traversed; *Col de Seilon*; *Grand Combin* traversed (2nd ascent by SE. arête, see xxv. 54) and *Combin de Valsorey*; *Col de Trajo*; *Grivola* (2nd ascent by the N. arête), 11/viii (note by him, xx. 331; cf. xxv. 54–5); *Grand* and *Petit Paradis*, *Bec de Montandayné*; *Herbetet* (xxv. 55); *Col de Miage*, *Aiguille de Bionnassay*, *Dôme du Goûter*, *Mont Blanc* (2nd traverse of Bionnassay–Dôme arête, xxv. 54; Z.A.V. 1904,

p. 215, where the times are given); *Aiguille du Midi*; attempt at new route up *Aiguille Verte* from *Col des Grands Montets*, reaching the *Pointe Farrar*, 19/viii (xxxiii. 383, xxxvi. 398, xxxvii. 362–5); *Col de Talèfre*; *Jägerhorn* and *Jägerjoch*; *Nordend* from Macugnaga by E. face (3rd ascent from this side), *Grenz Gipfel*, *Ostspitze*, and *Dufourspitze* of Monte Rosa, 9/ix (he wrote a paper on the 13 recorded ascents of 'The East or Macugnaga face of the Nordend', xxvi. 423–8); *Zumsteinspitze* and *Punta Gnifetti*; *Parrotspitze*; *Ludwigshöhe*, *Schwarzhorn* traversed; *Lyskamm* traversed; *Becca des Noires* (?).

Table Mountain (S. Africa).

1899. Canadian Rockies: *Mount Stephen*, the final peak, alone, 28/ix.

Japan: *Nantai* (near Nikko; *c.* 8,150 ft.); *Fuden Iwa*; *Myogi Tinja* (both in the Myogi San range); *Nakona Take*; *Asama-yama* (8,130 ft.).

1900. S. Africa: *Jammersberg*; *Imperani*; *Diklouneng*; *Witkop*. Various small peaks in Basutoland, Orange River Colony, and the Transvaal while on active service.

Lists of expeditions for 1898, 99, and 1900, Ö.A.Z. 1901, p. 29.

1901. *Ben Nevis*.

Zwölfer traversed; *Kleine Zinne* by N. face; *Fermedaturm* traversed; *Fünffingerspitze* by Schnitt Kamin; *Grohmannspitze*; *Winklerturm*; *Stabelturm*; *Rosengartenspitze* by S. ridge; *Grasleiten* and *Molignon* passes; *Langkofel*; *Cimone della Pala* by NW. ridge; *Sass Maor* and *Cima della Madonna*; *Pala di S. Martino*.

List of expeditions, Ö.A.Z. 1902.

1902. *Aiguille de Scolette* traversed; *Trois Dents d'Ambin* and *Roche d'Ambin* traversed; *Dent Parrachée*; *Grande Casse*; *Pointes de la Rocheuse* and *de Méan Martin*; *Pointes d'Ouilliarse*, *Albaron*, and *Ciamarella* traversed, 24/vii (xxxvii. 135); *Levanna* (all 3 peaks) and *Levanetta*; *Col d'Iséran*; *Tsantaleina*, *Pointe de Traversière*, and *Aiguille de la Grande Sassière* traversed (xxi. 386); *Aiguille* and *Dôme du Goûter* to Vallot Cabane; all guideless.

List of expeditions, Ö.A.Z. 1903, p. 30.

1903. *Lötschtaler Breithorn* traversed; *Aletschhorn* traversed; ascent from NW., descent by N. face, with J. E. C. Eaton, C. B. R. Ellis, and F. Bergne, 7/viii (xxv. 54, xxvi. 92); *Gross* and *Hinter Viescherhörner* traversed; *Gross Grünhorn*, 11/viii (with attempt

on N. arête, xxiv. 101); *Finsteraarhorn* traversed from SE. to W. (xxiii. 308, xxvii. 281); *Dürrenhorn*, *Hohberghorn*, *Stecknadelhorn*, *Nadelhorn* traversed; *Südlenzspitze* and *Nadelhorn* traversed; *Weisshorn* traversed from S. to E.; *Dent d'Hérens* traversed (from Staffelalp to Breuil); *Matterhorn*, from Italian hut over the so-called 'Galerie Carrel' to summit (his 4th ascent), descent (the 1st) by same route to *Col Félicité* (xxxvii. 223–4, &c.), and to summit again by ordinary route, descent to Zermatt, 3/ix (cf. xxii. 564–5); Täschhorn traversed (ascent by 'Teufelsgrat').

List of expeditions, Ö.A.Z. 1904, p. 31.

1904. *Jardin*; *Aiguille des Charmoz* (traverse of all 5 points), with Caijrati, 3/viii (R.M. 1904, p. 427); *Aiguille Verte*; *Les Droites*; *Col des Hirondelles*, 9/viii (xxxvi. 47); *Grandes Jorasses* (with variation), 11/viii (xxv. 85); *Dôme de Rochefort*, *Mont Mallet*, *Aiguille de Rochefort*, 13/viii (note on this and 5 similar expeditions, xxv. 449–51); *Dent du Géant* (xxx. 171); *Mont Blanc* viâ *Mont Blanc du Tacul* and *Mont Maudit* (xxv. 54).

List of expeditions, Ö.A.Z. 1907, p. 31.

1905. *Fussstein* and *Olperer* traversed; *Gross-Greiner*; *Hochfeiler* NE. face; *Mösele* and *Turnerkamp*, 2nd ascent by S. ridge (xxv. 54; see Ö.A.Z. 1907, p. 145); *Schwarzenstein*; *Ortlerspitze* by the *Marltgrat*; *Cevedale* traversed; *Königsspitze* and *Zebru* traversed; *Ortler* pass. *Dent de Guin* and S. peak of the *Jumeaux*; *Furggenjoch*.

List of expeditions, Ö.A.Z. 1906, p. 42.

1906. *Pointe de Bricolla* and *Pigne de l'Allée*; *Bieshorn*; *Alphubel* and *Allalinhorn*; *Weissmies*; *Strahlhorn*.

The following expeditions were guideless: *Grand Pic* and *Pic Central* of the *Meije* (his 4th ascent); *Col du Géant*; *Col du Chardonnet*; *Col de Saleinaz*; *Col du Tour*; *Col du Passon*; *Aiguilles des Grands Charmoz* traversed; *Mont Blanc*, with L. W. Rolleston and Caijrati (xxxiii. 59), ascent from Col du Midi, descent by the 'Ancien Passage'.

List of expeditions, Ö.A.Z. 1907, p. 31.

1907. *Petite* and *Grande Dents de Morcles* traversed. The following expeditions were made with H. V. Reade, and the 1st also with G. E. Gask, without guides. Partial ascent of *Bietschhorn* by E. arête, 20/vii (he wrote a paper on 'The E. or Baltschieder Face of the Bietschhorn', xxiv. 87–92, and see xxv. 641); *Lötschtaler Breithorn* traversed, 23/vii; *Aletschhorn* traversed

27/vii ; *Gemslücke*, *Oberaarhorn*, 1/viii ; *Finsteraarhorn*, by SE. arête (reached from the E.), 2/viii (see xxvii. 300) ; *Gross Grünhorn*, new ascent by N. arête and 1st traverse, 4/viii (xxiv. 100, note by him). See xxiv. 296–309 for all these expeditions.

1908. With V. A. Fynn, G. E. Gask, and H. V. Reade, without guides, *Gspaltenhorn*, 10/vii ; *Balmhorn* traversed, 12/vii ; *Cima di Jazzi*, 18/vii ; *Dents de Morcles* traversed with Reade, 22/vii ; with Reade and Gask, *Neu Weisstor*, 25/vii ; *Col delle Loccie* to Capanna Val Sesia, 27/vii (xxix. 128) ; *Sesiajoch* and *Parrotspitze*, to Gnifetti Hut (notes by him, xxiv. 523–5), 28/vii ; traverse of *Punta Giordani*, *Vincent Pyramide*, *Balmhorn*, *Schwarzhorn*, *Ludwigshöhe*, *Parrotspitze*, *Punta Gnifetti*, *Zumsteinspitze*, *Grenzgipfel*, *Ostspitze* to *Dufourspitze* of *Monte Rosa*, descending to the Riffel (18½ hours), 30/vii ; with the same and Fynn, *Rothorn* traversed, 1/viii ; *Trifthorn* traversed with Reade, 2/viii ; *Breithorn* by N. face.

The tour, except the last expedition, is described xxix. 129–43.

1909. With G. E. Gask and H. V. Reade, without guides, *Hinter Sustenhorn* and *Sustenhorn* traversed, 21–2/vii (night out ; top of Sustenhorn reached 5 a.m. on 2nd day, xxiv. 660–5) ; *Dammastock* traversed to Rhône glacier, by *Nägelisgrätli* to the Grimsel and Handegg, 28/vii (xxv. 181) ; *Bächlilücke* and *Brandlammjoch* ; *Gross Lauteraarhorn*, *c.* 2–3/viii.

1910. *Cime de l'Est* ; *Cols de Chermontane* ; *des Vuignettes* ; *de Bertol* ; and *de la Dent Blanche*, all with G. E. and S. Gask ; camped near the Martigschüpfe in the Baltschiedertal with the same and V. A. Fynn, *c.* 25–30/vii ; ascended the *Tiereggjoch* to inspect S. face of Bietschhorn, 27/vii ; hunted up old bivouacs mentioned in Farrar's paper (see 1907), 28/vii ; and with G. E. Gask and Fynn ascended and descended the *Bietschhorn* by E. arête, 29–30/vii (night out ; paper by him, xxv. 641–4 ; see also xxviii. 305) ; all guideless.

Pollux by N. arête, with R. W. Lloyd, 18/viii (xxv. 560) ; *Riffelhorn*.

Wetterhorn by Hühnergutz glacier and N. ridge (see 1897), 21/viii (xxv. 559).

1911. *Schwestern* (twice) ; *Piz Bernina* ; *Wetterhorn* by N. arête (for the 3rd time).

Canadian Rockies. Made a month's journey with a pack-train from railhead of Grand Trunk Pacific Railway over the Yellow-

head pass, and by Moose pass to N. face of Mt Robson. Ascended some minor summits of 6,000–8,000 ft.

1912. *Kammlijoch*; and *Claridenstock* (lower summit) traversed from Klausen pass to Clariden Hut. *Cheval Blanc* (traversed from Finhaut to Pierre à Berard). See Record of Expeditions.

1913. *Cols de Seilon* and *de Mont Rouge*, 21/vii; *Col de Sonadon* from E. to Plateau de Couloir of Grand Combin, and *Col d'Amianthe* to By; *Grand Combin* traversed, 26/vii (paper, xxx. 58–60); by *Cols de l'Évêque*, *Mont Brulé*, and *Valpelline* to Zermatt.

With V. A. Fynn only, ascended crest of SE. arête of *Finsteraarhorn* to *c.* 13,500 ft. (xxvii. 287), descending to Viesch through ice-falls of Viescher glacier, 2/viii (xxx. 167–8); *Pollux* viâ *Schwarztor*, 16/viii.

Wrote a paper, 'The First Ascent of the Finsteraarhorn: A Re-examination', arguing *against* the authenticity of the guides' ascent in 1812, xxvii. 263–300; see above 1883, 1903, 1907. Present at Jubilee Festival of S.A.C. (xxviii. 100).

1912. *Wetterhorn*, with W. A. Wills and Miss F. R. Wills, E. H. F. Bradby and C. Wilson, 14/vii (xxxiv. 177, xxxvi. 152); ascent of *Schrecksattel* (W. side), with Wills, Bradby, Wilson, and J. M. Davidson; *Schreckhorn* by NW. ridge with Wills; *Rotbretthorn*, with Davidson, W. A. Wills; *Gspaltenhorn*.

1920. *Aiguille de Pélens* (xxxvi. 390).

1922. With Gask, *Terglou* traversed.

Table Mountain; *Majuba*; *Mont aux Sources*.

Returned from S. Africa overland from the Cape to Cairo.

1923. *Wetterhorn*, 8/viii; *Ebnefluhjoch*, 11/viii; *Rotbretthorn*, 14/viii; *Lauitor*, 17/viii; *Schmadrijoch*, 31/viii. He described the season in a paper, 'Classic Cols', xxxv. 251–8, xxxvi. 83–92.

1924. *Grindelwald-Dru*, attempt; *Ebnefluh* by N. arête and *Gletscherhorn*, traversed, with Miss F. R. Wills, 16/vii (xxxvi. 402); *Grossjoch*, 1st passage, with Miss Wills, 11/viii (xxxvi. 403–5); *Jungfrau* traversed from Guggi Hut.

1925. *Cima Tosa*; *Presanella*, *Adamello*, *Passo di Marocaro*, *Ago di Sciora*, *Passo di Bondo*, *Piz Badile*, *Passi di Porcellizzo* and *di Trubinasca*, *Col du Géant*, *Col des Grandes Jorasses* (attempt to within 100 m. of crest), *Grépon*.

Presidential address, xxxiii. 3–13.

Reviews of R. de B. Douglas's 'La Dent du Midi', xxviii. 111;

Belmore Brown's 'Mt McKinley', xxviii. 243; W. A. B. Coolidge's 'Three Weissthors', xxxi. 352; G. D. Abraham's 'Alpine Heights and British Crags', xxxiii. 148; Mrs. Bullock Workman's 'Ice-wilds of the Eastern Karakoram', xxxii. 140, and many others.

Articles on Alpine nomenclature, xxv. 563 (Col de Zinal), xxviii. 203 (Pain de Sucre); historical: 'First ascent of the Finsteraarhorn', xxvii. 263–99; 'Early attempts on Monte Rosa', xxxi. 323–33; papers on Old Führerbücher, xxx. 173 (Ferdinand Imseng), xxx. 277 (Ulrich Lauener); xxxi. 218 (the brothers Zum Taugwald), xxxii. 94 (Peter Knubel), 'Days of Long Ago', xxxii. 2–36. These last and the numerous reproductions of old photographs were the outcome of a gallant resolve to keep A.J. interesting during the war years.

In Memoriam notices of Daniel Maquignaz, xxv. 51; Alexander Burgener, ibid. 27; Louis Theytaz, ibid. 445; Th. Christomannos, ibid. 537; Franz Weisshorn Biener, xxvi. 253; Edouard Wagner, xxvii. 213; Franz Poll, xxviii. 198; Theophile Boss, ibid. 313; H. W. Topham, xxix. 347; Joseph Lochmatter, ibid. 353; G. A. Passingham, xxx. 65; James Eccles, ibid. 198; 'der Köderbacher', xxxi. 262; H. E. Marsh, xxxii. 259; Madame Charlet-Straton, ibid. 262; A. G. Topham, xxxiii. 269; Alexander Seiler, ibid. 271; E. A. Broome, ibid. 403; l'Abbé Remy Fouilland, ibid. 414; Joseph Gentinetta, ibid. 415; Antoine Maquignaz, ibid. 418; H. Barrett, xxxiv. 143; E. R. Whitwell, xxxv. 95; Sir W. E. Davidson, ibid. 259; Diego Calvet, xxxvi. 389; Rudolf von Scharner, ibid. 290; Sir J. H. Ramsay, xxxvii. 175; Mrs. Bullock Workman, ibid. 180; Willy Richardet, ibid. 353; G. FitzGerald, xxxviii. 114.

For his work as Editor and President see xxxiii. 151–3.

Rev. Arthur Fearon

(Feb. 1885, resigned 1912)

Born 28 July 1844. Son of Rev. Daniel Rose Fearon of Subbury, Suffolk, and Frances Jane, d. of Rev. Charles Andrewes, Rector of Flempton, Suffolk.

Married.

Educated Marlborough and King's College, London. Theological Associate of King's College.

H.O., 1869. Curate of Hungerford, Berks., 1869–70; of Kenn, Devon, 1870–2; of Holy Trinity, Barnstaple, 1872–4; of Cheriton Bishop, Devon, 1874–5.

Chaplain at Pulo-Penang, 1875–7; Incumbent of Holy Trinity, Malta, 1877–8.

Curate of Branksea, Dorset, 1878–9; of Hungerford, Berks., 1879–81; Vicar of Marlow, Bucks., 1881–90; of Blewbury, Berks., 1890–4; of St. Sebastian, Wokingham, 1895–6; Rector of Horton, Slough, 1896.

Died 10 March 1916.

Q. Alps 1882, 84.

John Fisher

(Feb. 1883, d.m. 1924)

Son of Rev. John Fisher of Higham-on-the-Hill, Leicestershire.

Educated St. John's College, Cambridge; B.A., 1857. Rowed in the St. John's boat at Henley (winning the Visitor's Cup), 1856, and 1857.

Civil Service.

Died 1 May 1924 (xxxvi. 440).

Q. Alps 1860, 1880, 82.

1860. With F. W. Jacomb (vol. i), *Schwarzberg Weisstor*; *Allalin* pass, 31/vii, with new descent to Saas, where they joined L. Stephen and W. F. Short in the 2nd ascent, by a new route, of the *Allalinhorn*, traversing it to Zermatt, 1/viii ('Vacation Tourists', i. 264).

With Jacomb, *Monte Rosa*, 3/viii; *Col d'Hérens* (xxxii. 56), 5/viii; *Cols de Torrent* and *de Sorebois*, 7/viii; *Triftjoch*, 8/viii (xxxii. 61–2).

1882. *Finsteraarhorn*; *Aletschhorn*.

Edward Herbert Fison

(Dec. 1882)

Born 30 Dec. 1846, Norwich. Son of Joseph Fison of Ipswich and Anne, d. of William Ridley of Hartford End, Essex.

Partner in the firm of Messrs. Joseph Fison & Co., chemical

manufacturers, Ipswich. F.C.S. Secretary of Chemical Section of British Assoc. at Ipswich, 1895.

J.P. for Suffolk.

Q. Alpine.

William Wilbraham Ford

(Dec. 1877, d.m. 1901)

Born 19 Sept. 1846. Son of William Ford of Gray's Inn, solicitor.

Married 1883 Eva, d. of Captain Moneypenny of Bath.

Educated Eton and Corpus Christi College, Oxford; 3rd Class in Classical Moderations, 1867; B.A., 1868. Rowed in the Corpus VIII at the Paris Regatta, 1867, and in the same when Head of the River, 1868.

Barrister (Lincoln's Inn), 1871.

Died 7 Dec. 1901.

Q. Alpine.

1877. *Matterhorn*, 21/viii.

1880. 2nd descent from the *Fernaujoch* to the Pfaffenferner and Windachertal, 12/viii (x. 165, 280; see 'Eastern Alps', p. 184); *Passo di Presena*, 24/viii (note by him, x. 179); 1st passage of *Bocca d'Ambies*, 26/viii (x. 164–4; E. iii. 315); 5th and 1st English ascent of *Pala di San Martino*, 2/ix (x. 164; E. iii. 315).

Stuart Forster

(March 1883, resigned 1885)

Born 10 Feb. 1855, London. Son of John Cooper Forster, P.R.C.S. (see D.N.B.).

Married 1877 Elizabeth Marie Benzon, adopted d. of Ernest Benzon.

Educated Winchester and Trinity College, Cambridge; B.A., 1877.

Barrister (Middle Temple), 1882.

Q. Alpine.

Joseph Gurney Fowler

(Dec. 1886, resigned 1915)

Born 5 Dec. 1855, Woodford, Essex. Son of Henry Fowler of Woodford. Uncle of E. Backhouse.

Educated Grove House School, Tottenham, Göttingen, Geneva, Paris.

Was for two years at Messrs. Sharples' bank at Luton ; then joined the firm of Price, Waterhouse & Co., London, chartered accountants, with whom he spent the remainder of his life, becoming senior partner in 1913. Acted as auditor to many of the principal financial organizations in this country, including the largest railways and insurance companies. In the United States, which he frequently visited on professional business, he was one of the pioneers in the establishment of the Accountancy Profession. Was also active in founding branch offices of his firm in America, which have since extended over both the North and South American continents and elsewhere. During the War was appointed Advisory Accountant to the Government in the settlement of the Compensation payable to Railways under State Control ; also a member of the Board of Referees for the assessment of excess profits.

An all-round sportsman—a good shot and keen golfer, but his special interest was horticulture. About 1884 he brought back from a business visit to Buenos Aires two sacks full of orchids, without knowing much about them ; but he studied the subject and his methods proved successful. Thenceforward their cultivation was his ruling hobby, and his model orchid houses at Pembury, in Kent, became famous. Treasurer of the Royal Horticultural Society from 1899. Chairman of the Orchid Committee (in which capacity he did many valuable pieces of work for the Society) from 1905. Chairman of the Directors of the International Horticultural Exhibition, 1912.

Died unmarried 24 April 1916 at Pembury. (Jnl. of Roy. Horticultural Soc. xlii. 209, with portrait.)

Q. Alps 1884–6.

Henry Fox

(Dec. 1885, d.m. 1888)

Born 30 Sept. 1856. Son of Dilworth Crewdson Fox and Mary Augusta Buckham. Nephew of C. H., cousin of J. H. Fox. His sister married, 1896, F. F. Tuckett.

Partner in the family business of Fox Brothers, serge manufacturers, at Tonedale Woollen Mills, Wellington, Somerset (see C. H. and J. H. Fox, vol. i). Played cricket and football for Somerset.

Died unmarried 30 or 31 Aug. 1888. (In Memoriam, xiv. 132, by F. F. Tuckett, and Proc. R.G. (n.s.), x. 717, by D. W. Freshfield.)

Q. Alps 1884, 85 ; some excursions in Norway.
1887. See W. C. Slingsby.
1888. See W. F. Donkin.

Charles Earle Freeman

(Feb. 1879, resigned 1915)

Born June 1851, Geddington. Son of Rev. Gage Earle Freeman of Macclesfield (D.N.B.) and Christiana, d. of John Slade of Little Lever, Bolton-le-Moors.

Married 1885 Louisa Pettitot, d. of William Penrose of Glenmore, Queenstown, and sister of Mrs. A. Sloman.

Educated Uppingham and Pembroke College, Oxford ; 1st Class in Classical Moderations, 1872 ; 2nd Class in Literae Humaniores, 1874.

Assistant Master at Westminster, 1876–85. Joint Editor with A. Sloman of the ' Trinummus ' of Plautus (1883) and ' Andria ' of Terence (1884) ; he wrote also the Prologue to the former play, which was acted at Westminster in 1883. Joint, later sole, head master of Park House Preparatory School, Southborough, Tunbridge Wells, 1887–1908. Then lived at Abingdon till 1916, and from 1916 till his death, at Oxford.

While at Oxford worked for the Delegates of the University Press in the preparation and editorial supervision of classical texts (Virgil, Ovid, and Livy) and Greek and Latin Readers for Secondary Schools.

Died 18 Nov. 1921. (The Times.)

Q. Alpine.

1877. *Monte Rosa*, with A. Sloman.

1878. *Cols du Géant* and *de Valpelline*; *Gabelhorn*; *Rothorn*, all with Sloman.

1879. *Triftjoch*; *Strahlhorn*; *Matterhorn* traversed direct from Breuil (ix. 488), 13/viii; all with Sloman.

1880. *Wetterhorn*, *Eiger*, *Mönch*, *Jungfrau*, with Sloman.

1881. *Moming* pass and *Alphubeljoch*, with Sloman.

1882. *Finsteraarhorn*; *Jungfrau*; *Nadelhorn* (c. 6th ascent), 16/viii (xi. 176); *Mischabeljoch*; *Dom*; *Weisshorn*; all with Sloman. See for these years xxxiii. 117–18.

1889. 2nd ascent of the *Gross Engelhorn*; and an ascent (the 4th) of the *Gstellihorn* (Bernese C.G. ii. 180, 183).

1890. 3rd recorded ascent by a partly new route of the *Gross Grünhorn*, 8/viii (xv. 328).

1892. Attempt on the *Gletscherhorn*, with H. C. Bowen (xxiv. 488).

1893. With Bowen, 1st ascent of the *Unter Wellhorn*, 7/viii (xvi. 519); 1st ascent of the E. (lower) summit of the *Gletscherhorn*, 20/viii (Studer, i. 292; Bernese C.G. i. 125–6; xxiv. 488).

1894. With Bowen, 2nd ascent by a new route of *King's Peak* (*Engelhörner*). He supplied notes of this expedition and those of 1889 to the Bernese C.G. ii. 180–4 (cf. Preface, p. ix); Ö.A.Z. 1902, p. 221; 'Clubführer durch die Engelhörner', pp. 15, 73.

1896. 1st ascent of the *Kranzberg*, 19/viii (xviii. 530).

Wrote (in part) the In Memoriam notice of A. Sloman, xxxiii. 117.

Sir John Michael Fleetwood Fuller, Bt., K.C.M.G.

(Dec. 1885, d.m. 1915)

Born 21 Oct. 1864. Son of George Pargiter Fuller, M.P., of Neston Park, Wilts., and Emily Georgina Jane, d. of Sir Michael Edward Hicks-Beach, Bart., afterwards Lord St. Aldwyn.

Married 1898 Norah Jacintha, d. of Charles Nicholas Paul Phipps, of Chalcot, Wilts.

Educated Winchester and Christ Church, Oxford; 3rd Class in History, 1887.

J.P. for Wilts.; County Alderman, 1888. Lieut. Royal Wilts. Yeomanry, 1884; Major, 1901.

Contested the Chippenham Division of Wiltshire, 1892. A.D.C. to the Viceroy of India (Lord Elgin), 1894–5. Contested Bath, 1895; Salisbury, 1897. M.P. (Liberal) for the Westbury Division of Wiltshire, 1900–11; Junior Lord of the Treasury and a Liberal Whip, 1906–11. Vice-Chamberlain of His Majesty's Household, 1907–11. Created a Baronet, 1910. K.M.G., 1911. Governor of Victoria, 1911; resigned for reasons of health, 1914, and returned to England; took an active interest in the Special Constabulary, and was Commandant of the Stoke Newington District.

Died 14 Sept. 1915. (Who's Who; The Times.)

Q. Alpine.

J. E. P. Gage

(Feb. 1877)

Brother of U. W. T. Gage (q.v.).
Clerk in foreign banker's office, London.

Q. Alpine.

1876. With F. Gardiner and T. A. Bishop, without guides, *Monte Rosa*, 8/viii; with Gardiner and U. W. T. Gage, tour of the Breithorn by the *Schwarztor*, the heads of the Verra and Ventina glaciers, and the *Théodule*, ascending the *Klein Matterhorn* on the way, 10/viii; with the same party, 1st passage of the *Langenfluh-joch* (viii. 107), 12/viii. These two expeditions were also guideless. See viii. 383.

1879. *Weissmies*, 15/viii (Franz Anthamatten).

U. Woodward T. Gage

(Feb. 1877)

Brother of J. E. P. Gage (q.v.).
Educated University College School.
Clerk in Life Assurance Office, London.

Q. Alpine (same as his brother's, with the addition of the Strahlhorn).

1876. See J. E. P. Gage.

John Henry Gibson

(Dec. 1890, resigned 1894)

Born 1 Aug. 1862. Son of Henry Gordon Gibson, W.S.

Married.

Educated Uppingham, then apprenticed to the firm of Strathern & Blair, W.S., Edinburgh. Writer to the Signet (admitted Jan. 1888), Edinburgh.

Died at Southsea 5 April 1898.

Q. Alps 1882, 85, 86, 89, 90.

Member of the S.M.C. (1891) ; C. 1894.

1885. Made the 3rd and 1st English ascent of the *Gstellihorn*, 6/viii (S.A.C.J. xxii. 70 note ; Bernese C.G. ii. 183 ; Schw.-Alpen-Zeitung, 1888, p. 158 ; Ö.A.Z. 1902, p. 24).

1890. *Aiguille de Blaitière*, 22/vii (Z.A.V. 1896, p. 115).

1891. *S. Pic du Says*, new ascent from the W., 6/vii ; 1st ascent of the *W. Aiguille du Soreiller*, 8/vii (xv. 541–2) ; *Barre des Écrins* traversed (60th ascent), 10/vii ; *Le Plaret*, 12/vii ; 2nd traverse of the *Meije* (and the 1st from La Bérarde to La Grave), 13/vii (xv. 542 ; he read a paper before the Club on his expedition, xvi. 99) ; *Brèche de la Meije*, 14/vii ; *Col du Clot des Cavales* ; *Aiguille du Moine*, by partly new route ; *Les Périades* (U. Almer). See R. A. Robertson.

1892. Attempts on *Dent du Requin*, 26 and 27/vii and 6/viii ; *Aiguille de Talèfre*, 1st ascent by the W. ridge, all with G. H. Morse and J. H. Wicks, without guides, 29/vii (xvi. 261) ; 3rd and 1st guideless ascent, by a variation of H. Dunod's route, of the *Aiguille de Grépon*, with Morse, C. Pasteur, and C. Wilson (Mummery, p. 140 ; Ö.A.Z. xiv, p. 236). See S.M.C.J. ii. 210.

For about two years, 1891–3, he was a prominent member of the S.M.C., attending most of the Club meets.

1891. See S.M.C.J. ii. 31, vii. 29 (the references below are also to the S.M.C.J.).

1892. Took part in an attempt on the *Black Shoot of Stob Maol*, with W. R. Lester, W. W. Naismith, and G. Thomson, 1/i. See below.

Made a new climb on *Ben Lui*, with Lester, 6/iii (he wrote a note on the expedition, 'Ben Lui by the NE. face', ii. 83 ; cf. 'Guide', vi. 193). A new climb on *Ben Cruachan*, with W.

Douglas and Lester, 27/iii (ii. 85, 159, 180 ; 'Guide', vii. 92). With E. Carr, G. H. Morse, and J. H. Wicks traversed *Sgurr nan Gillean* and the *Bhasteir Tooth*, 12/iv ; climbed the 'Inaccessible Pinnacle', made the 1st descent of *An Stac*, an unclimbed buttress of *Sg. Dearg* ('Guide', ix. 349 ; Abraham, p. 204) and climbed *Sg. Mic Choinnich*, 14/iv ; made a variation on *Sg. Mic Choinnich* (see ix), 15/iv ; climbed *Sg. Banachdich*, *Sg. Greathaidh*, and *Sg. Mhadaidh*, 16/iv ; and *Bidean Druim nan Ramh*, 17/iv. (Paper, 'Easter in the Cuillins', ii. 213.)

Made the 1st ascent of the *Black Shoot of Stob Maol*, with Lester, Douglas, and Naismith, 19/v (ii. 117, 'Guide', vii. 96).

1893. See ii. 276–7.

Made an attempt on the *Douglas Gully* of the *Lochnagar* and the 1st recorded ascent of the *Black Spout*, with W. Douglas, 12/iii (ii. 246, iv. 35, 37 ; 'Guide', viii. 66, 69).

Wrote a review of 'My Home in the Alps', by Mrs. Main (Mrs. Le Blond), ii. 97, and a letter on 'Snowcraft in Scotland', ii. 322.

Walter Sumner Gibson

(Jan. 1882, resigned 1884)

Born 20 Feb. 1849. Son of Rev. William Gibson, Rector of Fawley, Hants, and Louisanna, d. of Rev. Charles Richard Sumner, Bishop of Winchester (D.N.B.).

Married 1884 Julia Elizabeth, d. of Rev. Henry Arnold Olivier, Rector of Poulshot, Devizes. Father of Harry Olivier Sumner Gibson.

Educated Haileybury and Balliol College, Oxford (Exhibition) ; 1st Class in Classical Moderations and Gaisford Greek Verse Prize, 1870 ; 1st Class in Literae Humaniores, 1872 ; *proxime accessit* to Gaisford Greek Prose Prize, 1873.

Assistant Master at Charterhouse, 1874–83. Master of Preparatory School at the Rookery, Headington, Oxford, 1883–97. Master of Harlington School, Balham, 1897–1906. Engaged in private tuition, 1906.

Author of an 'Introduction to Greek Syntax'.

Died 1912.

Q. Alpine.

1881. *Matterhorn*, 9/viii (Hut Book).

Alfred Denis Godley

(Dec. 1890, C. 1909–11, V.P. 1924–5, d.m. 1925)

Born 22 Jan. 1856, Ashfield, Co. Cavan. Son of Rev. James Godley, of Carrigallen, Leitrim, and Eliza Frances, d. of Peter La Touche.

Married 1894 Amy Charlotte Isabella, d. of C. H. Cay (vol. ii).

Educated Harrow and Balliol College, Oxford (Scholar); 1st Class in Classical Moderations, 1875; *Proxime accessit* for the Hertford Scholarship, 1876; for the Ireland Scholarship, 1877 and 78; Latin Verse Prize ('Hannibal ab Italia depulsus suos adloquitur'), 1877; 2nd Class in Literae Humaniores and Gaisford Prize for Greek Verse, 1878. Latin Essay ('Literae Graecae apud Reges Ptolemaeos'), 1879. Craven Scholar, 1880.

For a short time in the Civil Service (Inland Revenue).

Assistant Master at Bradfield College, 1879–82. Fellow and Tutor of Magdalen College, Oxford, 1883–1912; Honorary Fellow, 1912; Classical Moderator, 1887–8, 1895–6, and 1906–7. Deputy Public Orator, 1904–6; Public Orator, 1910. Member of Hebdomadal Council, 1911. Permanent Elector to Corpus Professorship of Latin, 1914. Also served for some time as Delegate for superintending Instruction of I.C.S. candidates. University Representative on Oxford City Council, 1913; later became an Alderman, and would undoubtedly have been chosen Mayor of Oxford had he lived a few months longer. Served as Lieutenant in the Oxfordshire Rifle Volunteers, and Captain, 1900–5, in the 4th Battalion of the Oxfordshire Light Infantry; was an earnest supporter of Lord Roberts's Crusade for universal service. At the outbreak of the War he took a leading part in the formation of the Oxfordshire Regiment of Volunteers; was appointed C.O. early in 1915, and later in the year, when a 2nd battalion had been formed, became County Commandant. Though his own name is hardly mentioned, some idea of his work and its value may be obtained from his 'History of the Oxfordshire Regiment of Volunteers, 1914–1919', printed for the first time in 'Reliquiae', ii. 333–52.

J.P. for County Leitrim.

Governor of Harrow School.

Honorary LL.D. Princeton, U.S.A.

Editor of the Oxford Magazine, 1890–1.

Author of 'Aspects of Modern Oxford' (1893), 'Socrates and Athenian Society' (1893), a translation of Horace's Odes (1898), 'Fables of Orbilius' (1901–2), 'Oxford in the XVIIIth Century' (1902), and four notable volumes of humorous verse, 'Verses to Order' (1892 and 1903), 'Lyra Frivola' (1899), 'Second Strings' (1902), and 'The Casual Ward' (1912); article 'Tacitus' (in part) in 'Encyclopaedia Britannica', 11th ed. Two volumes of 'Reliquiae', edited by C. R. L. Fletcher, with a Memoir, were published in 1926 (reviewed by A. O. Prickard, xxxix. 179–86).

Joint Author of 'Nova Anthologia Oxoniensis' (1898).

Editor of 'Tacitus' Histories' (1887 and 90); 'Rejected Addresses'; 'London Lyrics'; and 'Moore's Poems'.

Editor of the Classical Review, 1910–20.

Died 27 June 1925. (Who's Who; The Times, &c. In Memoriam, by G. E. Wherry, xxxvii. 343–6, and H. R. C. Carr, ibid. 347.)

Q. Alps 1886–90.

Member (Original) of the Climbers' Club; member of S.A.C., Monte Rosa Section.

1886. *Adler* pass (xxiii. 447–8).

1888. 1st recorded ascent of the *Klein Wendenstock* (Bernese C.G. iv, pt. ii, p. 40, S.A.C.J. xxiv. 435–6).

1889. See C. Cannan.

1890. *Südlenzspitze* (variation on the ascent by the E. arête), 23/viii (E. Pennine C.G. 109; Studer, ii. 205).

He read papers before the Club entitled, 'The Alps' (xxiii. 443–50); 'Crambe Repetita' (xxix. 242–53); and 'Mountains and the Public' (xxxvii. 107–17), which defy description or classification: the 2nd gives a little indirect information on the seasons of 1904, 1911, 1913. Also wrote In Memoriam notices of C. Cannan (xxxiii. 112) and W. P. Ker (xxxv. 275); I do not know what part, if any, Godley took in the expeditions mentioned on p. 276. These are all reproduced in an Alpine section in 'Reliquiae', vol. ii, together with an article, 'L'Angleterre, les Alpes et la Liberté', from 'Bibliothèque Universelle et Revue Suisse', lxxxiv, No. 250 (Oct. 1916). He also wrote a review of M. Kurz's 'Le Mont Olympe (Thessalie)', xxxvi. 170, and a paper on 'The Age of Retirement' in Oxford Mountaineering Essays; and gave valuable aid to Herr Dübi in preparing vol. iv (Grimsel to Sustenlimmi) of Bernese Oberland C.G.

(Rev.) Francis Molyneux Govett

(31 Jan. 1882, resigned 1904)

Son of the Ven. Decimus Storry Govett, Dean of Gibraltar.

Married 1893 Anna Elizabeth Crommelin of Vilsen, Holland, d. of H. A. Crommelin.

Educated King's College, London. Theological Associate, 1879.

H.O., 1879. Curate of All Saints, Clapton Park, 1879–82. Chaplain at Valetta, Malta, 1882–5.

Abandoned the clerical style and profession, 1886; went to Sydney and spent 2 or 3 years in Australia. Returned to England, 1889. Made a tour of the world, 1894–5 (Fitzgerald, 'New Zealand', iii. 11–15). From 1899 lived at Territet, Switzerland.

Died at Clarens 11 Feb. 1908.

Q. Alpine.

1882. See J. S. Anderson.

Rev. William Spotswood Green, C.B.

(Dec. 1879)

Born 10 Sept. 1847 Son of Charles Green, J.P., of Youghal, and Catherine Frances Fitzsimons.

Married 1875 Belinda Beatty, d. of James Butler, J.P., of Waterville House, Co. Kerry.

Educated Trinity College, Dublin; B.A., 1871.

H.O., 1872. Incumbent of Carrigaline, Co. Cork, 1880–9.

Government Inspector of Irish Fisheries, 1889–1914. Commissioner of the Congested Districts Board for Ireland, 1892–1909. C.B., 1907. See xxix. 83.

Conducted several deep-sea dredging expeditions for the Royal Irish Academy and the British Museum, 1884–8. Made a Survey of the Fishing Grounds off the west of Ireland for the Royal Dublin Society, 1890–9.

M.R.I.A. Honorary Member of the Royal Dublin Society. F.R.G.S., 1886.

Died 22 April 1919. (Who's Who; The Times.)

Q. Alps, Lofotens, and Norway.

Honorary Member of the A.C.C. Member of New Zealand A.C. (1892).

1870. *Monte Rosa*, 8/viii (xxxii. 99), with J. S. Lyle and Rev. H. Swanzy (P. Knubel).

1882. New Zealand. Left England, 12/xi/1881; small-pox broke out on the ship, and quarantine at Melbourne and other delays curtailed his time by six weeks. Landed, 5/ii. Camped 2 miles from foot of Tasman Glacier, 13/ii. After being once driven back by bad weather, started up the glacier, 19/ii. Reached 5th and final camp at base of Mount Cook, 23/ii. After two attempts, one on the S. arête, 25/ii, one on the E. arête, 27/ii, ascended by the N. side of *Mount Cook*, reached the crowning ice-cap and had overcome all difficulties, but turned back at 6.20 p.m., when within 20 minutes of the summit, in order to secure a safe retreat, 1, 2, 3/iii.

He described the expedition in a series of papers, of which the last was read before the Club, on 'A Journey into the Glacier Regions of New Zealand, with an ascent of Mount Cook', xi. 1, 57, 129; read a paper before the R.G.S. (Proc. R.G.S. 1884, p. 57), and wrote a 'Report on a Journey among the New Zealand Glaciers' for the Royal Irish Academy (Proc. R.I.A. 1882, p. 642). See also his letters on the catastrophe on the Linda glacier, xxviii. 226–8.

Before leaving he made a hasty journey South viâ Dunedin to Lake Watakipu, and an attempt on *Mount Earnslaw*, defeated by a snow-storm, 17–21/iii (N.Z.A.J. i. 31).

He described the whole tour in 'The High Alps of New Zealand, or a Visit to the Glaciers of the Antipodes with an ascent of Mount Cook' (1883, reviewed by D. W. Freshfield, xi. 428).

1888. Canada. Assisted by the R.G.S., carried out an exploration of the Selkirks. Left Ireland, 29/vi; arrived at Glacier House, 17/vii; 1st ascent of the ridge of *Glacier Crest*, 19/vii; made an attempt on *Mount Sir Donald*, resulting in the 1st ascent of *Terminal Peak*, 24/vii; camped on Perley Rock, 28/vii; ascended the Illecillewaet glacier to the snow field at its head, descended a short distance SW. towards the Geikie glacier, and went E. to a rock overlooking Beaver Creek, 29/vii. After a visit to Vancouver, made 1st ascent of the *Asulkan* pass, 3/viii, and *Lily Col*, reached by Lily glacier, 7/viii; 1st ascent of *Mount Bonney*, by Green's glacier and the N. arête, 9/viii; visited the Corbin Mine by Corbin pass, 13, 14/viii; tried to take a pack-horse over the N. ridge of Mt Macdonald into Beaver Creek, but

failed to find a way down, 17/viii ; after descending a point on the ridge some way above timber line, returned, with difficulty, to the railway, 18, 19/viii. Made the 1st passage of the *Asulkan* pass, 21/viii ; visited the Geikie glacier and returned, 22–4/viii ; ascended *Mt Abbott*, 27/viii ; went by steamer from Golden to the head of Lake Windermere and back, 30/viii–3/ix. A plan to reach Mount Lefroy viâ the Vermilion pass broke down. Lake Louise was visited, 4/ix.

See xiv. 58, 168 (280). He read a paper on his explorations before the R.G.S. (Proc. R.G.S. 1889, p. 153), and another, 'Climbing in the Selkirks and Adjacent Rocky Mountains', before the Club (in 1894, xvii. 289) and described his tour in 'Among the Selkirk Glaciers, being the Account of a Rough Survey in the Rocky Regions of British Columbia' (1890). This was the 1st survey and resulted in the 1st map of the Selkirk Mountains. See Wheeler, 'The Selkirk Range', pp. 208–22, 272, 357–8, and Table, pp. 373–87.

William Asbury Greene

(Dec. 1880, d.m. 1920)

Born *c.* 1848. Son of Joseph Greene of London.

Educated St. Paul's School.

Solicitor (1869), London.

Rowed for some years in the VIII of the Twickenham Rowing Club. Was fond of rowing tours at home and abroad. Once, in the middle seventies, he and others sent a boat to the upper waters of the Danube and rowed down to Linz, then—having crossed the watershed by rail—down the Moldau and the Elbe to Hamburg (cf. 'The Exploits of his proposer for the Club', F.T.E. Prothero, vol. i).

Died 7 Nov. 1920. (In Memoriam, by T. A. Rickman, with portrait, xxxiii. 412.)

Q. Alps and Norway.

1873. Was climbing at Arolla with W. B. Rickman (vol. ii) ; the expeditions most probably included *Col de Bertol*, *Mt. Collon*, and *Mt. Blanc de Seilon*, perhaps also the *Ruinette*, and concluded with the *Dent Blanche*.

1877. With T. A. Rickman (q.v.), *Pfandlscharte, Bockkarscharte, Gross Glockner, Mte. Cristallo; Ortlerspitze*, &c.

1878. Norway: *Riingstind.*

1879. With T. A. Rickman, *Pigne d'Arolla; Matterhorn*, 28/viii (Hut Book); *Gross Nesthorn.*

1883. *Neu Weisstor*, 29/viii; *Monte Rosa*, 31/viii, with F. C. Mills.

1884. *Strahleck*, 11/viii; *Mönch* and *Mönchjoch*, 13–14/viii; *Lötschenlücke*, 17/viii; *Grand Cornier* (new route up W. face), 23 or 25/viii (xii. 122); *Aiguille de la Za*, 26/viii; *Pas de Cheillon*, 28/viii; *Mont Avril*, 29/viii; *Gr. Combin* and *Col des Maisons Blanches*; all with Mills.

1885. *Lämmernjoch*, 13/viii; *Triftjoch*, 15/viii; *Riffelhorn* from glacier, 18/viii; *Dom*, 20/viii; with Mills and T. A. Rickman.

1888. *Brèche de la Meije*, 30/viii; *Grande Ruine* and *Col de la Casse Déserte*, 1/ix; *Meije* (29th ascent, Rev. Alpine, 1897, p. 143), 3/ix; *Sommet des Rouies*, 5/ix; *Rocher de l'Encoula*, 3rd ascent, by a new route, 7/ix (xiv. 146); *Col de la Temple*, 11/ix; *Mont Pelvoux*, 12/ix; *Col de l'Ailefroide*, 14/ix; *Barre des Écrins*, 53rd ascent, 17/ix. F. Baker-Gabb took part in the expeditions of 7–14/ix; Mills in all except that of 5/ix. Paper, 'Dauphiné in 1888', xiv. 372. See S.T.D. Ann. xiv. 88.

1891. Pyrenees. *Balaïtous*; *Mont Perdu.* This was his last climbing season.

François Grin

(1877, resigned or d. 1880)

Gustavus Groeger

(Feb. 1890, resigned 1915)

Doctor Juris, Vienna (?). Went to Chicago in 1881. Real Estate dealer and notary public. Stayed there, with occasional visits to Europe, till 1900. Then lived at Graz.

Q. Alps 1878–80, 89.

Member of the D.Ö.A.V.; Ö.T.C. (1878); Austrian A.C. (1879), on Library and Instruction Committees, 1880.

1878. *Grosse Zinne*; *Croda di Lagazuoi* (papers in Tourist,

1880, No. x, p. 1, No. xi, p. 2) ; attempt on *Rosshauptkofel* alone (E. iii. 491), 20/vii ; *Gelttaljoch* (an episode on this expedition is told in a paper, ' Fexenthum und Strafgesetz ', Ö.T.Z. ii. 133), 26/vii ; 1st ascent of *Gross Muklaspitze*, guideless (E. iii. 127), 29/vii ; 1st ascent of *Kleine Rauchkofel* alone (accidental, mistaking it for Grosse R., E. iii. 123–4), 5/viii ; *Morgenkofel* ; *Schwarze Wand*, 2nd traveller's ascent, new routes up and down, alone (E. iii. 121), 14/viii ; *Grosse Ohrenspitze*, 1st traveller's ascent, guideless (E. iii. 128), 15/viii ; *Vordere Umbaltörl* and *Agnerkopf*, 19/viii ; *Magerstein*, 2nd traveller's ascent, new route, and *Hochflachkofel*, 1st traveller's ascent, new route, both guideless (E. iii. 117, 121), 20/viii ; *Landeckscharte*, 1st passage (E. iii. 164 ; paper, Z.A.V. x. 142), 21/viii. Many of the above-mentioned peaks are in the neighbourhood of Rein, or Rain, on which he wrote a descriptive paper, Ö.A.Z. 1879, p. 123, but gave no climbing details. See M.A.V. 1878, pp. 241–4, 1879, p. 31. List of expeditions, Z.A.V. x, pt. ii, 68.

1879. Attempt on NW. arête of *Gross Glockner* (after 14 days waiting, 4 of them in the Stüdlhütte during a snow-storm), 18/vii (E. iii. 184 ; Ö.A.Z. 1879, p. 227, cf. p. 192, 1880, pp. 31–2) ; *Rotmoosjoch*, 24/vii (E. ii. 372) ; *Schalfkogel*, 25/vii ; *Similaun*, 27/vii ; *Langgrubjoch*, all alone (M.A.V. 1880, pp. 66–7 ; Ö.A.Z. 1879, p. 204) ; *Cruschetta* pass, *Maipitschspitze*, and *Piz Sesvenna* (ibid. paper, ' Die Sesvenna-Gruppe ', Ö.A.Z. 1879, p. 297) ; attempt (guideless) on the *Stammerspitze*, 1/viii (E. ii. 33 ; paper, ' Ein ungelöstes alpines Problem ', Ö.A.Z. 1880, p. 45) ; *Muttler*, 2/viii, and *Piz Pisoc*, 4/viii, both alone (Ö.A.Z. 1879, p. 204) ; *Piz Bernina*, 1st guideless ascent, 8/viii (ibid. 1879, pp. 241–2, 1880, p. 8) ; *Passo di Canciano* (see Ö.A.Z. 1880, p. 83).

Attempt on *Vordere Zinne*, 13/viii (E. iii. 510 ; Ö.A.Z. 1879, pp. 173, 227, 330). *Hintere Schöntaufspitze*, guideless (ibid. p. 227) ; *Paralba* and attempt on *Terza Grande* by E. ridge, alone (E. iii. 551, 544 ; he wrote a paper, ' La Sappada ', Ö.A.Z. 1880, pp. 259, 285, in which these climbs are described, p. 286) ; *Monte Antelao*, alone, 24/viii (E. iii. 472 ; Ö.A.Z. 1897, p. 227 ; paper, Tourist, 1880, No. iv, p. 2) ; *Gross Glockner*, 1st ascent by N.W. arête, 29/viii (E. iii. 184 ; Ö.A.Z. 1880, pp. 31–2) ; *Rosmariswandkopf*, *Schneewinkelkopf*, *Eiskögele*, *Johannisberg* (new route), *Eiswandbuhel*, *Grosser Bärenkopf*, *Glockerin*, *Gross Wiesbachhorn*, traversed from Stüdlhütte to Kaindlhütte, 1/ix (E. iii. 200) ; *Wiesbach-*

scharte, 2nd passage, 2/ix (E. iii. 215 ; M.A.V. 1880, p. 27 ; Ö.A.Z. 1879, pp. 251–2).

List of expeditions, Z.A.V. xi, pt. ii, 84.

1880. With L. Friedmann *Vordere Zinne*, 2nd ascent and 1st by travellers, 26/vii (E. iii. 510) ; *Vertainspitze*, without guides, 29/vii ; *Ortlerspitze*, 6th ascent by the Hochjochgrat, 5/viii (E. ii. 91) ; and, without guides, *Königsspitze*, 9/viii. (Ö.A.Z. 1880, p. 238. List, ibid. 1881, p. 12.)

1883. Paper, ' Am Hudson River ', Ö.T.Z. iv. 49 (ascent of highest point of the Break Neck Mts).

1889. 1st traveller's ascent of highest peak of *Terza Grande*, 8/vi (E. iii. 551 ; Ö.A.Z. 1889, p. 156 ; Z.A.V. 1890, p. 332 ; M.A.V., 1889, p. 148).

List of expeditions, Ö.A.Z. 1890, p. 125.

Whitsuntide : *Monte Cristallo* (Ö.A.Z. 1889, p. 158).

1892. Easter : *Gross Glockner*, 23/iv (Ö.A.Z. xiv. 115) ; *Watzmann*, 4th ascent from S. Bartholomä (Ö.A.Z. xiv. 190).

Joint Author with Josef Rabl of 'Touristen-Führer im österreichischen Alpenland' (M.A.V. 1879, p. 47) and ' Die Entwicklung der Hochtouristik in den österreichischen Alpen' (published by the Ö.T.C. 1890, reviewed by K. Schulz, M.A.V. 1890, p. 161).

He wrote a descriptive paper on ' Bad Kreutzen ' (near Grein on the Danube), Ö.A.Z. ii (1880), pp. 212–13 ; and took up the cudgels in a spirited fashion for Christian Ranggetiner, who had become involved in a quarrel with the guides' Bureau at Kals (Ö.A.Z. iii, 1881, p. 311–13 ; see also p. 304).

G. Grueber

(Dec. 1880, d.m. 1899)

Banker and Austrian Consul at Genoa.

Died 1899.

Q. Alpine. Including the expeditions mentioned below, it comprises almost all the independent peaks of over 13,000 ft. in the Mont Blanc range, the Pennines, and the Bernese Oberland.

1867. *Monte Rosa* ; *Alphubeljoch* (O.V.B.).

1873. *Dom* (xxx. 177).

1874. *Weisshorn* (xxx. 177).

1876. *Matterhorn*, 15/vii (Hut Book).

1877. *Piz Bernina*, 14/vii (N.A.P. vi. 47); *Jungfraujoch* (ascent from and return to Wengern Alp), 21/vii (N.A.P. vi. 57; Studer, i. 159).

1878. (?) *Schmadrijoch* (xxxvi. 89).

1879. *Dent Blanche*, with P. Güssfeldt (q.v.) (S.A.C.J. xv. 227–31).

1880. *Mont Blanc*, by the Brouillard and Fresnay glaciers, and *Mont Blanc de Courmayeur*, with some variation from J. Eccles's route, 11–13/viii (xvi. 511, xxxiii. 52).

1881. 1st passage of the *Col du Piolet*, 6/vii (Kurz, p. 56); 3rd ascent of *Mont Blanc* by the *Brenva* face, 14/vii (xvii. 450, xxvi. 172; Kurz, p. 107), by a route largely new.

1885. *Renferjoch*; *Gauli* pass; *Oberaarjoch*; *Arbenjoch*; *Schallenjoch*; *Alt Weisstor*; *Col delle Loccie*; *Sesiajoch*; *Strahlhorn* traversed from Schwarzberg glacier to Adler pass; *Castor* from Zwillingsjoch, returning by *Schwarztor*; *Matterhorn* traversed to Breuil (O.V.B.; Hut Book), 25/vii (Johann Jaun).

1888. *Aiguille de Bionnassay*, 3rd ascent, by a partly new route, 13 or 14/vii (xiv. 150 note; Kurz, p. 117).

1889. *Güssfeldtsattel*, with W. E. Davidson, 3rd or 4th passage, 4 or 6/viii (Bernina C.G. ii. 64); *Pizzo Bianco* (en route for Piz Bernina by the Scharte); this had to be given up owing to the wind, and a new descent of *Pizzo Bianco* was made by the E. face to the Morteralsch glacier, *c.* 24/vii (Bernina C.G. ii. 97 and Davidson's Diary); *Piz Bernina*; reached the base of the 'Felsenthurm', on the N. arête, direct from the Tschierva glacier, and ascended to the summit in the steps made by Davidson's party in their (1st) descent by the Scharte route, without actually going into the Scharte, 8/viii (Bernina C.G. ii. 95).

Paul Güssfeldt

(March 1880, resigned 1908, hon. member 1909)

Born 14 October 1840, Berlin.

Studied mathematics and natural science at Heidelberg, Berlin, Giessen, and Bonn, 1859–65. Doctor of Philosophy at Bonn University, 1865.

Soon afterwards visited Italy and Sicily. Privat-Dozent in mathematics at Bonn, 1868–70; was present at the opening of

the Suez Canal, 1869. Served as a dragoon in the Franco-German War, 1870–1 ; spent the summer of 1871 in England and Scotland.

In Africa (1873–5) as leader of the Loango expedition (see below). Visited Egypt in 1876 and travelled with Dr. G. Schweinfurth in the Arabian desert (see below).

In S. America 1882–3 (see below).

General Secretary of the Geographical Society of Berlin, 1883–5. In May 1885 he delivered a 'Gedächtnisrede' on Dr. Gustav Nachtigal, which is printed in the Deutsche Rundschau, xliv. Candidate for the Professorship of Geography at Graz, when E. Richter was elected, 1885.

Between 1889 and 1910 accompanied the late Emperor William II on 22 journeys in the N. of Europe. Was a member of the Conference for the reform of Instruction in Secondary Schools, 1890. Professor, 1892. Director and Instructor in Natural Science of the Seminary of Oriental Languages at Berlin from 1892. While lecturing on the study of natural sciences and on astronomical and geographical methods he was led to form a collection of instruments which obtained a medal at the International Exhibition at Chicago. Privy Councillor.

Author of 'The Education of German Youth' (1890) ; 'The Journeys of the Emperor William II in Norway, 1889–90' (1890–2) ; 'My Military Experiences in the Franco-German Campaign, 1870–1' (1907) ; 'Recollections of Prince Frederick Charles of Prussia' (1910).

Portrait in Lorria and Martel's 'Bernina', p. 110.

Died Jan. 1920 (xxxiii. 144).

Q. Alpine.

Member of S.A.C., Section Bern. Hon. member of C.A.F., 1898.

1859. *Dent du Midi*, 3/x. (Old Guide Book.)

1860. *Gross Glockner.*

1861. *Tödi.*

1865. *Piz Zupô* (3rd ascent ?). Hearing of the 1st ascent of the Matterhorn, hastened to Zermatt and made an attempt on that mountain, 18/ix (S.A.C.J. xv. 240).

1868. Ascended the *Matterhorn* (10th ascent) from Zermatt, 9/viii (xxxii. 97–8 ; S.A.C.J. xv. 241), crossed the *Alt* (*Castel*

franco) *Weisstor* from Zermatt to Macugnaga, descending by a new route, 14/viii (xi. 199 ; E. Pennine C.G. p. 72). The only account of this expedition is in an article, 'In den Eis- und Schneeregionen der Hochalpen', Deutsche Rundschau, xi (1877), p. 411 (see pp. 419–20).

1869. 2nd recorded passage of the *Passo di Mello*, 22/viii ; 4th ascent of *Monte della Disgrazia*, 23/viii ; *Forcella di Zocca*, 24/viii (he wrote a paper on these expeditions, S.A.C.J. viii. 103) ; 2nd ascent of *Piz Roseg*, 27/viii (paper, S.A.C.J. vi. 228 ; see v. 373, ix. 383) ; *Piz Bernina*, 5/ix, and was nearly killed in an avalanche on the descent. The expedition is described in 'In den Hochalpen', ch. iii, under the title 'Ein Gletscher-Abenteuer'.

1872. Made the 1st passage of the *Fuorcla Tschierva-Scerscen* or *Porta Roseg* (*Fuorcla da Roseg* or *Tschiervajoch* ; also known as the Güssfeldtsattel), returning by the *Sella* pass, 13/ix (S.A.C.J. viii. 124) ; *Ortlerspitze*, 18/ix (Tourist, 1872, p. 486).

1873–5. In 1872–3 was formed a 'German Company for the Exploration of Equatorial Africa', later known as the African Company, which raised large sums of money, and sent out numerous German men of science to the Loango coast. It was proposed that several expeditions should be made. Güssfeldt (who headed the list of private subscriptions with 6,000 thalers, and had spent some time in the Berlin Observatory studying to prepare himself for scientific travel) was given the general command of the party, and was to lead a great expedition into the interior, which it was hoped would link up with the discoveries of Schweinfurth and Livingstone, and complete the exploration of the Dark Continent. Güssfeldt left Liverpool in the *Nigretia* 30/iii/1873, and arrived at Sierra Leone 13/vi. On starting again, 14/vi, the *Nigretia* struck a reef and was totally wrecked, practically the whole of the outfit, scientific instruments, &c., of the expedition being lost. Güssfeldt resumed his journey 28/vi, and arrived at Bananas, at the mouth of the Congo, 25/vii. His first step was to erect a station at Chinchoxo, *c.* 60 miles N. of Bananas, as a general base for the party ; it was completed by October. Made a short trip northward into the interior, 28/ix–4/x. Left Chinchoxo, 16/x, for the Quillu river ; started up it, 26/x ; ascended it for 28 miles to a Dutch trading station ; thence made a 7-days' journey NW. into untrodden country, mainly in the Quillu basin, 7–13/x, returning by a different route. Back at Chinchoxo, 2/xii.

The new country was surveyed and mapped, and this route was practically decided on as suitable for the great expedition of 1874.

1874. Made a short expedition up the Chiloango river, 5–7/iii (map).

By now he was convinced that porters could not be obtained on the spot, and that it was necessary to obtain them farther south, which meant postponing the great inland journey for a year. Accordingly he left Chinchoxo 24/iii, and spent May at Loanda and Novo Redondo, making arrangements for a large number of porters to be sent up later on. Back at Chinchoxo, *c.* 3/vi. Left again 20/vi for a second expedition up the Quillu river, but this was wrecked almost at the start by the desertion of the porters. Sailed from Loango to Mayumba, 10–11/viii ; thence made a successful expedition up the Nyanga river to Intindé, 31/viii–28/ix ; returned, 30/ix–13/x ; and travelled back overland to Chinchoxo, 18–29/x. (His account of the journey is printed ' Ztschr. Ges. f. Erdkunde ', Berlin, 1875.)

1875. Early in the year the porters from Loanda began to arrive, but their deficiencies in number and quality, the growing hostility of the neighbouring natives, and other unfavourable circumstances constrained Güssfeldt to the conclusion that his only proper course was to abandon the great expedition and return to Europe to report in person. He left accordingly 7/vii ; landed in Liverpool 19/viii, and met the committee of the company 3/x, which, on his advice, decided to abandon Chinchoxo and recall the other travellers.

See for the whole story—including the journey of other members of the party—the ' Correspondenzblatt ' of the African Company, vol. i. Güssfeldt's report is summarized pp. 265–70 and was printed in ' Verh. d. Ges. f. Erdkunde ', Berlin. He also wrote ' Die Loango-Küste ', Deutsche Rundschau, xiv (1878, pt. i), 108, and was joint author of a work on ' The Loango Expedition, 1873–6 ', published 1879–82.

Ascended the *Crast' Agüzza* a month after his return from Africa, 19/ix (xxvi. 198).

1876. Egypt. Started with G. Schweinfurth from the Nile opposite Beni Suef ; went E. through the desert to Wady Arabah ; made 2 ascents to the high plateau of the S. Gallala ; visited the Convent of St. Anthony, 31/iii–3/iv ; descended to the coast a little to S. of Ras Safarana, 4/iv ; at Convent of St. Paul,

5–8/iv ; went on S. to Wadi Marr ; returned across the desert, reaching the Nile at Fesn, 23/iv. Peterm. Mitth., 1876, pp. 261–4 (Schweinfurth) ; papers by Güssfeldt, ' Die Arabische Wüste und ihre Klöster ', Deutsche Rundschau, xvii. 95, and Peterm. Mitth., 1877, pp. 252, 339, with map.

1877. 1st ascent of *Monte (Rosso) di Scerscen*, 13/ix ; and 2 ascents of *Piz Kesch*, 20 and 28/ix (on the latter also ascended the E. peak). (Papers, S.A.C.J. xiii. 285, 313.)

1878. 3rd ascent, by a new route up the S. arête, of *Pizzo Bianco*, and 1st passage of the *Bernina Scharte* from that peak to the summit of *Piz Bernina*, 12/viii. (Paper, ' Die Ueberwindung der Bernina-Scharte ', S.A.C.J. xiv. 108 ; photo by him of Piz Bernina and the Scharte in Lorria-Martel, p. 112.)

Letter on accident to Mr. B. and Mrs. J. H. Wainewright on Piz Palü, N.A.P. viii. 102. See ix. 164.

1879. *Monte Rosa*, by E. Hulton's route, 13/viii ; *Breithorn* from the N., 14/viii ; *Weisshorn*, 20/viii ; 2 ascents of the *Rimpfischhorn*, the 2nd with C. E. B. Watson and others, 23/viii ; *Dent Blanche*, with G. Grueber, 25/viii ; *Matterhorn* (his 2nd ascent), 28/viii (xxxii. 103). The 2nd ascent of the Rimpfischhorn is described by one of the party, S.A.C.J. xv. 182–90 ; cf. Studer, ii. 278 ; he wrote a paper on the other expeditions, S.A.C.J. xv. 209.

Finsteraarhorn, 2/ix ; traversed the *Jungfrau* from S. to N., 3/ix. He described the latter expedition in ' In den Hochalpen ', ch. xi.

Made the 3rd ascent (4th according to Ö.A.Z. iii. 87, which adds that he made the 2nd ascent also) of the *Piz da Trais Fluors* (*Dreiblumenspitze*), with the Princess Teano, wife of the Duca di Sermoneta, 13/ix ; and the 1st ascent of the *Schneehaube*, 15/ix. (Note by him, ix. 439 ; papers, S.A.C.J. xv. 558–9.)

1881. *Col du Glacier Blanc*, 8/vi ; *Col de la Temple*, 10/vi ; *Brèche de la Meije*, 11/vi ; 17th ascent of the *Barre des Écrins*, by a new route viâ the *Brèche des Écrins*, which he reached from the Glacier Noir, 18/vi (x. 345, xi. 183–4, xiii. 50 ; C.A.F. Ann. 1883, pp. 43–6) ; *Mont Pelvoux*, 21/vi ; *Monte Viso*, 28/vi ; 2nd passage (the 1st from S. to N.) of the *Col de Lion*, an expedition of 33 hours, 2–3/vii ; *Täschhorn*, 6/vii. (Papers on these expeditions, S.A.C.J. xvii. 115, and Deutsche Rundschau, xxix (1880).)

1882. Made a new route up the *Dom* by the W. arête, 28/vii (xi. 117; 'In den Hochalpen', ch. xv); and his 3rd ascent of the *Matterhorn*, with Princess Teano, 5/viii ('Der Mont Blanc', p. 42; Ö.A.Z. iv. 276 note).

1882–3. Chilian Andes. After a six-weeks' voyage from Liverpool, touching at Rio di Janeiro and passing through the Straits of Magellan, arrived at Valparaiso, 15/x/1882, with Alexander Burgener, who, however, returned to Europe soon afterwards. (Burgener gives his version of this affair M.A.V. 1884, pp. 347–8.) Went on to Santiago; visited some neighbouring landowners and made his head quarters at Cauquenes. From there started, 8/xii, on a trial trip up the Cipreses valley; found at its head a glacier (the only large one he met), which he explored and mapped and named the Ada glacier; returned to Cauquenes, 23/xii. Started 1/i/1883 up the Capachual and Lena valleys; crossed the main, western, chain of the Cordilleras by the *Lena* pass, 13,470 ft. (where he encountered Nieves Penitentes for the first time), 3/i; a 2nd pass, *La Iglesia*, 11,930 ft., was crossed to the head of the Rio Negro, a branch of the Diamante river. He followed the right bank of this river to where it enters the Pampas (the most southerly point reached), then crossed it with some difficulty and went N. across the Pampas to Yaucha (his most easterly point); then turned W., and crossed the E. Cordillera by the passes of *La Cruz de Piedra*, 12,400 ft., and *La Laguna*, 12,270 ft., and the W. Cordillera by the *Maipo* pass, 11,390 ft., 17/i, and bivouacked at 10,850 ft., at the foot of Maipo; 1st ascent of *Maipo*, 17,717 ft., the last part alone, 19/i; returned to Cauquenes.

Then went to San Filipe; from there up the Putaendo river to the *hacienda* of Vicuna, 8/ii; started again, 15/ii, cutting off a great bend of the river by the *Cuzeo* pass, 11,800 ft., and crossed the Western Cordillera from the head of the Putaendo valley to the Hermoso valley by the *Boqueta* pass, 11,450 ft.; from the foot of the pass a lateral valley, the Valle Penitente, led to the base of the NW. face of Aconcagua; he established a rude bivouac at the head of the valley, 18/ii; attacked the girdle of precipices which formed the main obstacle to the ascent and found a practicable couloir, 19/ii; started again from the bivouac at 4 p.m., 20/ii, climbed the couloir by moonlight and continued the ascent through the night; was driven back by a snow-storm, 12.30 p.m.,

21/ii, having reached an estimated height of 21,520 ft. ; regained the bivouac at 11 p.m.

Between 24/ii and 2/iii ascended the *Espinazito* pass, 14,580 ft., where he photographed and took some measurements. Returned to the bivouac, 3/iii ; reascended the couloir and went on to 17,390 ft., 4/iii ; here the party of three squeezed into a sleeping bag for two, and passed a miserable night ; went on till 12.20 p.m., when they were again driven back by a snow-storm, 5/iii. Returned by Boqueta pass and Putaendo valley to Vicuna.

He made another passage of the chain, to the Banos del Inca, by the *Cumbre* pass, 12,336 ft.

See xi. 407–8 (the statement as to Illimani on p. 408 is erroneous). Güssfeldt made a report to the Royal Prussian Academy of Sciences (see xii. 128 ; Proc. R.G. (n.s.), vi. 658–61) and described the whole tour in ' Reise in den Andes von Chile und Argentinien ' (1887). Both are summarized in a review by J. Sowerby, xiii. 558–64. See also Proc. R.G. (n.s.), x. 108–10, and E. A. Fitzgerald's ' The Highest Andes '.

1884. Reached the *Bernina-Scharte* by B. Wainewright's 1880 route, and, without going on to Piz Bernina, *descended* over the top of *Pizzo Bianco* to the Fuorcla Prievlus, 18/ix. (' In den Hochalpen ', ch. xvi.)

1885. Made a new route up *Piz Morteratsch*, 26/viii. (' In den Hochalpen ', ch. xvii, q.v. (accident or nearly so).) In 1885 he published ' In den Hochalpen : Erlebnisse aus den Jahren 1859–1885 ' (reviewed xiii. 49, and by K. Schulz, Ö.A.Z. viii. 137), describing almost all the above expeditions ; the articles in S.A.C.J., with the exception of that on the Piz da Trais Fluors, are reprinted almost unchanged.

1886. Made his 1st ascent of *Mont Blanc* (by the usual route), 31/viii ; and crossed the *Col du Géant*.

Repeated on the following day A. Lorria's ascent of 6/ix of the *Dent d'Hérens* (xiv. 259 ; S.A.C.J. xxiii. 26 note) ; *Felikjoch* ; *Lyskamm* from Gressonay, descending viâ *Castor* and the *Schwarztor* to Zermatt, 15/ix (xxxii. 105 ; ' Der Mont Blanc ', pp. 21, 168 ; Ö.A.Z. ix. 103).

1887. *Gabelhorn*, 11/ix ; *Matterhorn* (his 4th ascent) traversed from Zermatt to the Italian Hut, returning by the *Furggenjoch*, 13–15/ix (xiii. 418).

Made the 1st complete ascent by the SW. arête of *Monte*

(*Rosso*) *di Scerscen* and the 1st descent by his 1877 route; an expedition of 25 hours, 22/ix (xiii. 417; Deutsche Rundschau, 1889).

1888. Traversed the *Grivola* from Val Savaranche to Cogne ('Der Mont Blanc', pp. 136, 222). Made the 1st traverse of the *Grand Paradis* from Val Savaranche to Cogne (ibid. pp. 141, 149, 222). Returned to Courmayeur to make another traverse of Mont Blanc, but was prevented by bad weather.

1889. Was badly frost-bitten in the course of his 2nd ascent of the *Lyskamm* ('Der Mont Blanc', p. 21).

1890. *Col du Géant* to Courmayeur, ascending the *Dent du Géant*, 15/ix. Stopped at the Quintino Sella Hut, 17–18/ix, but was again prevented from proceeding by bad weather ('Der Mont Blanc', p. 222).

1891. Made the 1st winter ascent of the *Grandes Jorasses*, 14/i (xv. 370); went to the Rifugio Vittoria Emanuele, 20/i; returned in a snow-storm, 20/i; repeated the performance 22 and 23/i; started again, and reached the Rifugio shortly before midnight, 24/i; going straight on, arrived at the summit of the *Grand Paradis* (3rd winter ascent, xv. 445) and regained the Rifugio before 7 a.m., 25/i. (R.M. 1891, pp. 18–19, account by his guide.)

Ascended *Mont Blanc* by T. S. Kennedy's route, descended by the Glacier du Dôme to the Dôme Hut, 11/ix, and Courmayeur, 12/ix (xv. 552–4).

1892. Made the 4th ascent of *Mont Blanc* from the Brenva glacier, following mainly G. Grueber's route (xxvi. 172), 16/viii; slept at Monsieur Vallot's hut and descended by the Aiguille du Goûter to St. Gervais, 17/viii.

1893. Having been permitted by special favour to cut short his tour with the Emperor William II 'in the interests of Science', travelled through to Courmayeur, arriving 9/viii; slept out, 10/viii; 10th recorded ascent of the *Aiguille Noire de Peuteret* (xvi. 504; R.M. 1903, p. 252), 11/viii. Slept out, 14/viii, made the 2nd ascent, by a new route, of the *Aiguille Blanche de Peuteret* and traversed it to a 2nd gîte, 15/viii; completed his 4th ascent of *Mont Blanc* viâ *Mont Blanc de Courmayeur* (3rd ascent of this summit) and descended to a cabane on the Rochers Rouges, 16/viii; descended by the Mur de la Côte and the Corridor to the Grand Plateau, ascended the Dôme du Goûter and

returned by his 1891 route to Courmayeur, 17/viii, an expedition of 88 hours (xvi. 509–11).

He described most of his expeditions of 1886–93 in a series of articles in the ' Deutsche Rundschau ', reprinted 1894 under the title ' Der Mont Blanc, Studien im Hochgebirge, vornehmlich in der Mont Blancgruppe ' (reviewed xvii. 449).

1894. Traversed *Monte Rosa*, ascending the *Punta Gnifetti*, with the Duke of the Abruzzi and F. Gonella, 21/viii (C.A.I. Boll. xxviii. 317). Ascended the *Matterhorn* by the Zmutt arête, 31/viii (his 5th ascent). (J. P. Farrar and another party were on the Zmutt ridge the same day. It was the 4th occasion on which this route was followed. Mummery, p. 23.)

Charles Haigh

(Dec. 1877, resigned 1900)

Born *c.* 1846. Son of John Haigh, of Huddersfield, manufacturer, and for some time Mayor of Scarborough.

Barrister (Middle Temple), 1869.

Recorder of Scarborough, 1890–1913.

Died unmarried 20 Nov. 1913 in his 68th year. (Who's Who.)

Q. Alpine.

Carl Christian Hall

(Dec. 1885, d.m. 1908)

Born 13 Aug. 1848. Son of Carl Christian Hall, a distinguished Danish statesman (1812–88).

Took his degree as Doctor in Political Economy.

Assistant in the Danish Treasury Office, Copenhagen.

Died 6 May, 1908.

Q. Alps 1878. Norway 1881–5.

1878. *Mont Blanc*, 18–19/viii ; *Col du Géant*, 23/viii ; *Monte Rosa*, 28/viii ; *Jungfrau* and *Mönchjoch*, 2/ix. After this season he devoted himself wholly to mountaineering in Norway.

1880. Ascended *Galdhøppigen* ; and *N. Troldtind*, 22/viii ; attempts on *Romsdalhorn* from N., 18 and 24/viii ; from S., 26/viii ; excursions in Jotunheim, 27–31/viii ; another attempt on *Romsdalhorn* from S., 1/ix.

1881. After two more attempts, from N. 19/viii, from SE. 24/viii, made the 2nd ascent (the 1st was in 1826) of the *Romsdalhorn* (from the SE.), 31/viii–1/ix (xii. 267–8). (He wrote a paper on his 7 assaults on the mountain, N.T.F.A. 1881, p. 120; and see ibid. 1885, p. 130.)

1882. *Hornelen* (on the island of Bremanger), 5/viii; 1st ascents of *Bispen*, *Kongen*, and *Dronningen* (*Isterdalstinderne*), 12–13/viii; of *Mellemste Troldtinder* (3 summits) and *Store Troldtind*, 16/viii; and the 2nd ascent by a new route from the W. of *Vengetind*, 18/viii. (Paper, N.T.F.A. 1883, p. 51; cf. notes, ibid. 1882, p. 169.)

1883. 1st ascents of *Store Austabottind*, 3/viii; and (after an attempt, 5/viii) of *Store Styggedalstind*, 6/viii; attempt on *Skagastølstind* by a new route from the W. (N.T.F.A. 1891, p. 42).

1884. 1st ascents of *Gjeldeldastind*, 3/viii; and *Mellemste Skagastølstind*, 8/viii; 2nd ascent of highest summit, and 1st ascent of S. summit, of the *Dyrhougstinder*, 18/viii. (Paper on these and the two 1883 ascents, N.T.F.A. 1885, pp. 70–115.) Also made the 1st ascent of *Store Bjorn* (from Smørstabbræ), 14/viii, see pp. 114–5, and ibid. p. 128; a 2nd ascent of the *Romsdalhorn*, with the 1st ascent of the *Lillehorn*, 20/viii (note by him, N.T.F.A. 1885, p. 131), and an attempt on *Skagastølstind* by Heftye's 1880 route (N.T.F.A. 1891, p. 42).

1885. 2nd ascent of *Mell. Skagastølstind*, and attempted the traverse to Vesle Skagastølstind (see 1887 and 1894), 3/viii; 5th ascent of *Store Skagastølstind*, 5/viii; 1st ascents of *Vesle Skagastølstind* and *Centraltind*, 7/viii; repeated these ascents and continuing along the ridge made the 2nd ascent, by a new route, of *Store Styggedalstind*, 9/viii.

1886. 1st ascents of the most southerly summit of the *Dyrhougstinder* and the N. summit of the *Midtmaradalstinder*, 2/viii; 1st passage from Midtmaradalsbræ over the Midtmaradals ridge to the Stølsmaradalsbræ, 4/viii; 1st ascent (after a previous attempt, 3/viii) of *Store Midtmaradalstind*, 5/viii; 1st ascent of *Saksa* (from Smørstabbræ), 10/viii, and the 1st passage from Maradalsbræ over Col between Styggedalstind and Gjertvastind to Gjertvasbræ, –/viii. (Paper on the 1885 and 86 expeditions, N.T.F.A. 1886, p. 58, and another on 'Store Skagastølstind', ibid. 1891–2, p. 38, describing the early ascents, including his own in 1885.)

1887. 1st ascent of the N. (highest) summit of the *Maradalstinder*, 5/viii ; the 3rd ascent of *Vesle Skagastølstind* and an attempt to traverse to Mell. Skagastølstind (see 1885 and 94), 11/viii. (Paper, 'Streiftog i Horungtinderne III', N.T.F.A. 1888, p. 14.)

1888. 1st ascent of the W. summit of the *Hammerstinder* and the 2nd ascent (the 1st had been made a few days before) of *Hammeroskaftet*, 13/viii.

1889. 1st ascents of *Tilthorn*, 11/viii ; *Skotshammeren*, 19/viii ; *S. Strandstind* (Kjœrringa), 21/viii ; *Troldtind* (Kjœrringa), 22/viii ; and the 1st recorded ascent of *Hanekammen*, 23/viii. (Notes on the 1888 and 89 expeditions, N.T.F.A. 1889, p. 75, and a paper on 'Tilthorn i Nordland', ibid. 1893, p. 6.)

1890. 1st ascents of *Stetind*, 1/viii ; *Skagsneb*, 2/viii ; *W. Tverbottenhorn*, 3/viii ; (*Store* and ?) *W. Raudalstind*, 7/viii ; new pass from Maradalsbræ between N. and highest Maradalstinder to Slingsbybræ under Centraltind, 9/viii ; 1st ascent of *Store Riingstind*, 12/viii. (Notes by him, N.T.F.A. 1890, p. 83.)

1891. 3rd ascent of *N. Skagastølstind* and 1st ascent of *Skagastølsneb*, 19/viii ; 1st ascent of *Skeja* (from Smørstabbræ), 22/viii. (Notes by him, N.T.F.A. 1891, p. 79, and a paper on the early ascents of 'Nordre Skagastølstind', ibid. 1893, p. 20.)

1892. 1st ascent of *E. Skarstind*, 17/viii.

1893. 1st ascents of *Hoemogjura*, *N. Haukelutind*, and *Hoemstind*, 20–1/viii ; 3rd ascent of *Mjölnir*, 25/viii. (Notes by him, N.T.F.A. 1894, p. 74.)

1894. *Mellemste Skagastølstind*, his 3rd ascent, 27/vii ; *Vesle*, his 4th ascent and 1st traverse (see 1885 and 87) from *Vesle* to *Mellemste Skagastølstind*, 29/vii ; and his 2nd (about the 5th) ascent of *St. Riingstind*, 31/vii. (Paper, N.T.F.A. 1895. See Slingsby, p. 208.) Ascended *Gjeita* from Smørstabbræ, 5/viii.

1895. 1st recorded ascent of *Semmelhulstind*, 10/viii ; 2nd recorded ascent of *Kirken* and 1st ascent of *Sytind*, 12/viii. (Note by him, N.T.F.A. 1896, p. 71, and a paper on 'Turtegrø as a Climbing Centre', ibid.)

1896. *Soleitind.*

1897. 1st ascent of *S. Troldvastind*, 14/viii ; 2nd and 1st traveller's ascent of *Middagshorn* and *Middagstind*, 16/viii ; 1st ascent of *N. Troldvastind*, 18/viii ; and his 3rd ascent of the *Romsdalhorn*, 24/viii. (Paper, N.T.F.A. 1900, p. 32.)

1898. 1st ascents of *Finnan*, 19/viii ; and the *Sydlige Vengetinder*, 2/viii. (Note by him, N.T.F.A. 1899, p. 121. See p. 132.)

1899. 1st ascents of *Grønfonstind*, 17/viii ; and *Mell Taskedalstind*, 20/viii ; and an ascent from the N. of *Setnesfjeld*, 24/vii (N.T.F.A. 1900, p. 76).

1900. 1st ascents of *Sæterfjeld*, 14/viii ; *Lillehesten* and *Storfjeldet*, 16/viii. (Note by him, N.T.F.A. 1901, p. 154.)

A list of his climbs from 1880 to 1900 is given N.T.F.A. 1902, pp. 151–4. He compiled Lists of Climbs accomplished in Norway (by himself and others) in every year from 1894 to 1905 which appeared in the following N.T.F.A.

1890. Created a Knight of the Order of St. Olaf (1st Class).

Charles Gordon Hall

(Dec. 1877, resigned 1883)

Born May 1842. Son of Colonel Jasper Hall, Coldstream Guards.

Educated Bradfield, Germany, and New College, Oxford (Choral Scholar) ; B.A., 1865.

Entered the General Post Office, 1865. Private Secretary to successive Postmasters-General, 1868–81. Principal Clerk, 1893. Retired, 1902.

An accomplished musician and a composer. Was Commissioner for British music at the Antwerp Exhibition, 1885.

Died 8 Dec. 1906.

Q. Alpine.

Francis Hardcastle

(Dec. 1879, d.m. 1908)

Born 12 May 1844, Firwood, Bolton, Lancs. Son of James Hardcastle, J.P., of Firwood, and Hannah Crompton, d. of John Jackson, of Bolton.

Married, 1st, 1885 Ida, d. of Horatio S. Ross ; 2nd, Mary Elizabeth, widow of William Armytage Moore of Arnmore, Co. Cavan.

Educated Preston Grammar School and Repton.

Head of the firm of T. Hardcastle & Sons, bleachers, founded by his grandfather ; also a colliery owner. Was President of the United Bleachers' Association of Lancashire and Cheshire, and, as such, one of the most prominent men in the industrial life of the Bolton district. Was the first M.P. for the W. Loughton divi-

sion of Lancashire, being elected (as a Conservative) Nov. 1885 ; was returned unopposed 1886 ; retired from political life in 1892 owing to failing health. In Parliament he was a recognized authority on matters affecting the bleaching industry and took a special interest in the Merchandise Marks Act. Read a paper before the Economic Science Section of the British Assoc. at Manchester, 1887, on ' The Classification of the Exports of Cotton Piece Goods by the Board of Trade ' (the outcome of an effort made by the Manchester Chamber of Commerce and the United Bleachers' Association to obtain a more discriminating classification). J.P. for Lancashire ; High Sheriff, 1895–6.

Was a keen cricketer and played occasionally for Lancashire.

Died 5 Nov. 1908. (Who's Who ; The Times, &c.)

Q. Alpine.

Heneage Egerton Brydges Harrison

(Dec. 1890)

Born 8 March 1850, London. Son of Rev. John Branfill Harrison, Rector of Great Mongeham, Kent, and Maria Charlotte Elizabeth Cholmeley, d. of Rev. Cholmeley Edward John Dering, of Pluckley, Kent.

Married 1882 Lillie S., d. of Rev. A. Orr of Cheriton, Hants.

Educated Marlborough and Oriel College, Oxford ; 1st Class in History, 1873.

Played in the University Rugby Football Team against Cambridge, 1873.

H.M. Inspector of Schools, at Liverpool, 1876–1904. A Divisional Inspector and Inspector of Training Colleges, 1904.

Q. Alps 1878, 81, 86, 88–90.

Original Member of the Climbers' Club.

Richard Lake Harrison

(Feb. 1883, d.m. 1916)

Born March 1854. Son of W. Harrison of Claybury Hall, Essex.

Married 1887 Agnes Mary, d. of Rev. Edward Cayley, Vicar of S. Leverton, Notts.

Educated Uppingham (Cricket XI, 1870–2; Captain, 1871–2).

Solicitor (1877), London.

'In the foremost rank of amateur violinists in London.'

Died 14 Oct. 1916. (In Memoriam, by C. Wilson, xxxi. 105.)

Q. Alpine.

Member of N.T.F.

1880. With H. W. Majendie had an extraordinary escape on the *Gabelhorn* ('Pioneers', pp. 138–9).

1885. Norway. With C. and H. Wilson and R. Starr, 1st ascent of the E. peak of the *Maradalstinder*, 12/viii; and a new route on *Simletind*, 15/viii; with C. and H. Wilson, 1st ascent from Knutshullet of *Knutshuldtind* (not repeated till 1901, xxi. 284), 21/viii; new route on *Sletmarkhö*, 23/viii; 1st ascent of *Midtmockstind*, 26/viii (xii. 470; xiii. 152).

Henry Chichester Hart

(June 1889, resigned 1897)

Born 29 July 1847, Raheny, Co. Dublin. Son of Sir Andrew Searle Hart, Vice-Provost of Trinity College, Dublin (D.N.B.), and Frances, d. of Henry MacDougall, Q.C., of Dublin.

Married 1887 Edith Susan Anne, d. of William Donnelly, C.B.

Educated Trinity College; Dublin B.A.; Moderatorship in Experimental and Natural Science, 1869.

Was a noted athlete and pedestrian, and champion swimmer of Trinity College.

J.P. for Co. Donegal; High Sheriff, 1895.

F.R.G.S., 1891. F.L.S. Member of the Royal Irish Academy and the Royal Dublin Society.

1875–6. Served as naturalist in the Arctic expedition under Sir George Nares on board H.M.S. *Discovery*. The expedition left England, 29/v/1875, stopped at Disco Island, 6–15/vii, at Upernavik, 22/vii; entered Smith's Sound, 29/vii, and passed through Kennedy Channel, 19–24/viii, reaching the N. side of Lady Franklin Bay, 25/viii. Here the *Discovery* was sent back, Nares going on alone in the *Alert*. Hart's farthest North was *c.* 86° 50′. He collected flowering plants and ferns at various points, from Disco Island onward, but his most important work

was done in the NE. part of Grinnell Land between 80° and 81° 50′ N. The expedition started homewards, 31/vii/1876, reached Disco Island, 25/ix; and the *Discovery* arrived at Valentia Island, 27/x. (See Nares, 'Voyage to the Polar Sea', i. 90, 335, ii. 301, 321 ff., 326.)

1883–4. Aided partly by the R.I.A., joined the Scientific Expedition to Sinai and Palestine under Professor Edward Hull, F.R.S.; travelled overland to Venice, thence by sea to Egypt. While at Cairo most of the party ascended the Great Pyramid; Hart gave the Arab guides the slip and also ascended the Pyramid of Ghizeh, alone (Hull, p. 19). Left Suez (where Lord Kitchener—then Captain Kitchener, R.E.—joined them as surveyor), 10/xi; ascended *Zebbel Baheir*, a fine viewpoint, 3,890 ft., 16/xi; the party ascended *Jebel Musa*, 20/xi, Hart going on the same day to *Jebel Katarina*, the highest point in the peninsula, 8,536 ft. Hart and Kitchener ascended *Jebel el Aradeh*, 25/ix. Reached Akabah, 29/xi; thence started north up the Wady el Arabah, 3/xii; ascended *Mount Hor*, *c.* 4,400 ft., from camp near Petra, 10/xii; reached Ghor el Safieh on the Dead Sea, 17/xii; detained there 10 days waiting for transport (Hart volunteered to go to Jerusalem for horses, but Hull thought the risk too great). Hart discovered the ruins of Khurbet Lebrusch, 20/xii. Started again, 27/xii; Hart and Reginald Lawrence, the meteorologist of the party, ascended the ridge of *Jebel Usdum*, which previous explorers had considered inaccessible (Hull, p. 184); his account of its summit is given in Hull, pp. 131–2. Arrived, viâ Beersheba, at Gaza, 1/i/1884 (Kitchener left them the day before); after 5 days' quarantine, went on viâ Jaffa to Jerusalem, 6–9/i. Visited Jericho and the Jordan valley, 14–17/i. Further work in N. Palestine was stopped by a heavy fall of snow. Jerusalem–Jaffa–Beyrout, 25–7/i; Hart and Lawrence crossed the Lebanon and Herman to Damascus, visiting Baalbek.

(Letters and reports by Hull, Hart, and Kitchener in volumes for 1884–6 of the Palestine Exploration Fund; Hull published a narrative of the expedition, 'Mount Seir, Sinai, and West Palestine', including Kitchener's report, in 1885; his Geological Memoir forms one of the separate quarto volumes of the Palestine Exploration Fund (1886); Hart's narrative and scientific results appeared in the same form, in 1891, with the title, 'Fauna and Flora of Sinai, Petra, and Wady Arabai'.)

Published an edition of Ben Jonson's 'The Alchemist', 1903. Read proofs of vols. v and vii of Sir J. A. H. Murray's 'New English Dictionary' and contributed a large number of additional quotations from the sixteenth- and early seventeenth-century dramatists; was reading proofs of vol. viii up to the time of his death.

Died 7 Aug. 1908.

Q. Scientific: a number of publications on mountain botany.

1887. Skye. Traversed the *Inaccessible Pinnacle*, made the 1st traverse of *Sgurr Mic Choinnich* and ascended *Sgurr Alasdair* in a single day (xiii. 443–4; Abraham, p. 193).

1889. See R. M. Barrington.

Author of the section on Ireland in W. P. Haskett-Smith's 'Climbing in the British Isles' (1895). All the information given was acquired by Hart personally.

Gilfrid William Hartley

(Dec. 1881)

Born 1852. Son of Gilfrid William Hartley of Rosehill, Cumberland, and Margaret, d. of William Randleson.

Married 1895 Mary Laurie, d. of James Stirling of Fairburn, Ross-shire.

Educated Worcester College, Oxford.

Of Rosehill till 1894; later of Moresby, North Berwick.

J.P. for Cumberland.

Author of 'Wild Sport with Gun, Rifle, and Salmon Rod' (1903); 'Wild Sport and Some Stories' (mostly reprinted from Blackwood's, Macmillan's, and the Cornhill Magazine: on sport and bibliomania, 1912); 'The Northern Shepherd', Macmillan's Mag. xlii (1880).

Q. Alps 1880, 81.

Walter Parry Haskett-Smith

(May 1890, C. 1899–1902)

Born 1859. Son of Haskett-Smith of Trowswell, Goudhurst, Kent.

Educated Eton and Trinity College, Oxford (Scholar); 2nd

Class in Classical Moderations, 1880; 3rd Class in Literae Humaniores, 1883.

Barrister (Lincoln's Inn), 1885.

Edited Murray's 'Handbook to the English Lakes', 1889.

Q. English Lakes 1882 (9 weeks, much new work), 1884, 86, 88; Skye 1886, 88 (also Rum); Pyrenees 1881, 85, 87, 89; Auvergne and Cantal 1888; Kabylia (3 days) 1889.

Hon. Member of the F.R.C.C. Member of the 1st Committee of the Climbers' Club, 1898–1900; 2nd President, 1901–3.

1882. Spent 9 weeks at Wastdale Head and began his systematic search for new climbs on the neighbouring hills. Explored *Deep Ghyll* (Scafell), making the ascent of it piecemeal (Haskett-Smith, p. 33); made the 1st ascent of *Pavey Ark Great Gully* (ibid., p. 104; Jones, p. 201); discovered a high-level traverse across the N. face of Great Gable (ibid., p. 61); and the Right Pisgah or Central Jordan route and Left Pisgah or West Jordan route up the *Pillar Rock* (ibid., p. 124). Made an attempt on the N. face of the Pillar Rock, reaching a point considerably higher than had been attained previously, nor did any one get farther till the whole climb was accomplished by him with others in 1891 (xvi. 144–5).

1884. Continued his explorations round Wastdale Head: discovered the 'Sheep Walk' route up the N. face of *Great Gable* (ibid., p. 61); and the East Jordan (Jones, p. 246) and Great Chimney (ibid. 246, 254) routes up the *Pillar Rock* (ibid., pp. 124–5).

Made the 2nd descent (the 1st under ordinary conditions) of *Deep Ghyll* (*Scafell*), with C. Cookson (xiii. 178; ibid., pp. 33–4; Jones, p. 12); the 1st ascent, alone, of *Scafell Pinnacle* (on the short side), 3/ix (xiii. 95; Jones, p. 66; Haskett-Smith, p. 136); and a 2nd ascent, from Rake's Progress viâ *Steep Ghyll*, 20/ix (Jones, p. 67; Haskett-Smith, p. 138).

1886. Continued his explorations in the Lake District. Made the 1st attempt on *Sergeant Crag Gully* (ibid., p. 141); the 1st ascent of *Pavey Ark Little Gully* (ibid., p. 104); the 1st ascent (in part by the 'Easter' Gully) of the face of *Doe Crag* (ibid., p. 39; Jones, 2nd ed., C.C.J. i. vii. 222) and visited it again a few days later, climbing the Black or North Chimney (he wrote a paper on these expeditions, 'Doe Crag and John Robinson', F.R.C.C.J.

i. 231); 1st ascent of the Ennerdale face of *Great Gable*; the 1st continuous descent of the *Needle Ridge*, Great Gable (Jones, p. 144; Haskett-Smith, p. 96); and the 1st ascent of the *Great Gable Needle* (ibid., p. 94; Jones, pp. 159–60; the last 3 expeditions were made by him alone in a single day, C.C.J. i. 126).

Skye. Ascended the *Inaccessible Pinnacle.*

1888. With E. Hopkinson, G. Hastings, and W. C. Slingsby made the 1st ascent of *Doe Crag*, *Great Gully*, and was lowered by a rope into the Easter Gully, 14/vii; C.C.J. i. 39, 109, iv. 43–4, 94–5, vii. 220, 222–3; F.R.C.C.J. 231–59; Haskett-Smith, p. 39; xiv. 169; Jones, p. 212); and a new route from the Rake's Progress by 'Slingsby's Chimney' up the *Scafell Pinnacle*, 15/vii (xiv. 170; Jones, p. 68; F.R.C.C.J. i. 258–9; Haskett-Smith, p. 138).

1889. Made the 1st attempt, with Slingsby and J. W. Robinson, on *Moss Ghyll*, Scafell, –/vi (Haskett-Smith, pp. 87–8; Jones, p. 43; F.R.C.C.J. i. 128); and a new climb on *Smoking Rock*, 5/vi (Haskett-Smith, p. 146).

In 1881, 85, 87, and 89 visited the Pyrenees, and walked much among the mountains with C. Packe (see xviii. 241).

1890. Alps (his first season). See Slingsby.

1891. 1st ascent of the *Pillar Rock* by the N. face, with Hastings and Slingsby (Jones, pp. 246–7; xvi. 140; Haskett-Smith, p. 125). He described it in Black and White, 4 June 1892.

In 1892 he read a paper before the Club, 'Climbing in Cumberland', xvi. 141, dealing principally with his early seasons at Wastdale Head.

In 1894 he published the 1st volume (England) on 'Climbing in the British Isles' (reviewed xvii. 281; see Jones, pp. xiii, xvii–xviii). It was written almost entirely by him, and very largely from first-hand knowledge. In the 2nd volume ('Wales and Ireland', 1895) he received much more outside help, notably from O. G. Jones and Mr. F. H. Bowring, in dealing with Wales, while the section on Ireland was written independently by H. C. Hart (q.v.). See also E. Carr. A 3rd volume on Scotland was announced as 'in preparation'; but the project was dropped, no doubt owing to the commencement of a 'Guide' by the S.M.C. Cf. 1896 and 97 below.

1895. Made 1st ascents of the *Great Gully*, 18/v, and the *East Gully*, 19/v, of *Craig y Cae* (Cader Idris), with O. G. Jones

(Abraham, 'North Wales', pp. 361, 373; Haskett-Smith, ii. 117, 121–2).

1896. At the S.M.C. Easter Meet: made an attempt on the 'Church Door' Buttress of *Bidean nam Bian*, with H. C. Bowen and G. Hastings (S.M.C.J. v. 135).

Arran: made new climbs on *Cioch na h'Oighe* and *Cir Mhor*, with W. W. Naismith, 13/vii (S.M.C.J. iv. 173; ibid., 'Guide', ix. 106, 109).

1897. Scotland: made a new climb on *Garch Bheim* of Ardgour, with Hastings (S.M.C.J. v. 92, 129; ibid., 'Guide', vii. 107).

1898. Norway. See W. C. Slingsby. Made with Hastings the first ascent of *Anderstind*, 5/viii (xix. 361–2).

1900. N. Wales: 1st ascent of the E. Buttress of *Foel Goch*, with J. M. A. Thomson and others ('Ogwen Climbs', p. 119; Abraham, p. 166; C.C.J. ii. 149).

1903. Norway: with H. C. Bowen and C. W. Patchell, 1st traverse of *Kjærringa*, 17/viii; 1st traverse from N. to S. of *Blaatind*, 21/viii; 1st ascent of *Brunstadhorn*, 27/viii (xxi. 575–6; N.T.F.A. 1904, pp. 154–8).

1905. Made a new climb on *Craig Dhu* (Snowdon) with O. K. Williamson and Ellis (Abraham, 'N. Wales', p. 353).

1907. Norway: with W. Douglas, W. Garden, E. Greenwood, and W. A. and J. J. Brigg, *Riings-skar* (Vetti to Turtegrø), 6/viii; *Dyrhougstind* traversed, 9/viii; 2 attempts on *Skagastølstind* and a 2nd ascent of *Dyrhougstind*, 14–16/viii; *Fjærland* to Aamot across Justedalsbræ by *Fondalskar*, 19/viii; return by Skai and the *Lundeskar*, 20–1/viii (R.M. 1908, pp. 73–9; S.M.C.J. x. 43).

Wrote papers in C.C.J., 'Shakespeare as a Mountaineer', v, vi; 'Wastdale Head Six Hundred Years Ago', v. 3, mostly on Place-names; this was followed by a long series of letters and papers on Lake Country Place-names, v. 137, vii. 45, viii. 18, 78, xi. 51.

In Memoriam notices of C. Packe, xviii. 240; Count H. Russell, xxiv. 501; J. W. Robinson, xxiii. 625; C.C.J. x. 56; C. A. O. Baumgartner, xxv. 351; C.C.J. 1910, p. 62, and a paper, 'Two Famous Hill Walkers', on the exploits of Russell and H. C. Hart, C.C.J.

Geoffrey Hastings

(June 1890, resigned 1915)

Born 9 June 1860. Son of C. Hastings of Bradford, Yorks.
Married 1917 Josephine, d. of Rev. J. Gregory.
Educated Marlborough.
Worsted spinner, Bradford. ? Insurance broker.
F.R.G.S., 1893.

Q. Alps. Norway. Lake District.

Member of A.C.C. and N.T.F. Hon. Member of F.R.C.C. and Rucksack Club (1909).

1885. Attempt on *Deep Ghyll*, with W. C. Slingsby, 2/iii (xiii. 94).

1886. 2nd (see xxv. 50, F.R.C.C.J. i. 199) *ascent* (there had been two previous descents) of *Scafell* by *Deep Ghyll*, with Slingsby, 28/iii (xiii. 93–5 ; Jones, p. 12 ; Haskett-Smith, p. 33).

1887. 1st *ascent* (there had been a previous descent) of the *Needle Ridge* (Great Gable), with Slingsby and Hopkinson (Jones, p. 144 ; Haskett-Smith, p. 96) ; and, aided by deep snow, made the 1st ascent of *Shamrock Gully*, –/iii (Pillar Rock) (Haskett-Smith, p. 142 ; Jones, p. 241).

Made his 1st expedition in the Alps, a guideless ascent of the *Aiguille du Dru*.

1888. Lake District. See W. P. Haskett-Smith.

1889. 2nd ascent of the *Great Gable Needle*, 17/iii (Jones, p. 160 ; Haskett-Smith, pp. 94–5).

Norway : for 9/viii to 4/ix see Slingsby.

Also from Romdalsæter ascended the *Jonshorn*, 6/ix ; and the *Saudehorn*, 7/ix ; and made an attempt on *Kjølaartind*, going on by the Standalseid to Sæbo, 8/ix ; made the 1st ascent of *Raana*, 10/ix (N.T.F.A. 1889, pp. 74–5).

1890. Skye. Ascended *Sgurr nan Gillean* by the Pinnacle Ridge, with C. T. Dent (q.v.) and others ; *Blaven* by the N. face, with Dent, W. C. Slingsby, and H. Woolley ; traversed *Sgurr Mhadaidh*, *Greadaidh*, and *Banachdich*, followed the main ridge of the Coolins to *Sgurr Dearg* and traversed the ' Inaccessible Pinnacle ' from W. to E., with the same, C. Pilkington, and Horace Walker ; *Sgurr Sgumain*, from Coire Lagan, and *Sgurr Alasdair*, with Dent, Pilkington, and Woolley ; traversed *Sgurr Dubh* with

Pilkington ; 1st ascent of the *Bhasteir Gorge* ; and a new route up the Third Pinnacle of *Sgurr nan Gillean*, with Slingsby and E. Hopkinson (xv. 422–35 ; for the last expedition see Abraham, pp. 39, 86–9).

December : repeated the ascent of *Shamrock Gully* (see 1887), without snow (Haskett-Smith, p. 142 ; Jones, p. 242).

1891. 1st ascent of the *Pillar Rock* by the N. face, from Ennerdale, with W. P. Haskett-Smith and W. C. Slingsby, 27/vii (Haskett-Smith, p. 125 ; Jones, p. 247 ; xvi. 140, 143).

Christmas 1891–2 : made a new climb on *Buckbarrow* with J. N. Collie and others (Haskett-Smith, p. 15) ; and the 1st ascent of the Great Gully on *Wastwater Screes*, with Collie (q.v.) (S.M.C.J. ; Haskett-Smith, p. 140 ; Jones, p. 185).

1892. 1st ascent of *Moss Ghyll* (Scafell), with Collie, 26/vii (S.M.C.J. ; Jones, p. 44 ; Haskett-Smith, p. 88).

Traversed the *Aiguilles des Charmoz* (with 2 ladies) (Mummery, pp. 110–19) and made the 5th ascent of the *Aiguille de Grépon* (1st traverse, 2nd guideless ascent), with A. F. Mummery, J. N. Collie, and C. H. Pasteur, 18/viii (Mummery, pp. 140–50 ; Kurz, new ed., pp. 183–4).

1893. 2nd descent of *Alum Pot*, Yorkshire, with Collie, –/iv (Y.R.C.J. ii. 35).

1st ascent of the *Dent du Requin*, 25/vii (xvi. 512, xvii. 9 ; Mummery, ch. vii) ; and the 1st ascent from the W. and 1st traverse of the *Aiguille du Plan*, 7/vii (xvi. 513 ; Mummery, ch. viii), with Mummery, Collie, and Slingsby ; and a new route up the *Grand Combin* with Collie and Slingsby, 14/viii (xvi. 516).

1894. With Mummery and Collie, 1st passage of the *Col des Courtes*, 2/viii (xvii. 251 ; Mummery, ch. xi) ; 6th and 1st guideless ascent of *Mont Blanc* by the Brenva glacier, 4–6/viii (xxvi. 474 ; Mummery, p. 115 ; he read a paper before the Club on the latter expedition, xvii. 537) ; 2nd ascent by the Moine ridge of the *Aiguille Verte*, 11/viii (xvii. 364–5 ; Mummery, ch. x).

1895. Himalaya : first and only exploration of Nanga Parbat. With Mummery and J. N. Collie crossed the *Mazeno La*, 20/vii ; and reached the Diamirai Nullah, 22/vii ; made the 1st passage of the *Diamirai* pass (18,050 ft.) and re-crossed the Mazeno La, 23, 24/vii. Made an attempt to find a direct passage to the Diamirai Nullah, with the same and C. G. Bruce (q.v.), reaching 20,150 ft., 31/vii. They then again crossed the Mazeno La,

1/viii, and regained the Diamirai Nullah, making the 1st passage of the *Butesharon* pass (*c.* 17,000 ft.), 2/viii. See Mummery.

1897. Lofoten Islands (1st mountaineering exploration and 1st visit by members of the A.C. since 1869; see xxi. 101; Slingsby, p. 415). With H. Priestman and H. Woolley, 1st ascent of *Troldsadel*, 2–3/viii; 2nd ascent by a new route of *Store Troldtind*, 5/viii; 1st ascents of *Isvandtind*, 6–7/viii; central summit of *Langstrandtind*, 9/viii; E. summit of *Blaafjeld*, 11/viii; and *Svartsundtind*, 15/viii (xviii. 540–2, xix. 135). Explored the *Lyngenfjord* district; made 1st ascents of *Ruksisvaggegaisa*, with Woolley, 29/viii (xix. 65); and *Jækkevarre*, alone, 30/viii (xix. 65, 215).

1898. Arctic Norway. Made the following new expeditions: *Kjostind*, with W. C. Slingsby, 11–12/vii; *Stortind*, 15/vii; *Strupenskar*, 1st passage, 17/vii; *Store Jægervandtind*, 23/vii; *Lenangentind* (or *Storbotntind*) and *-skar*, *Abramskar*, 25–6/vii; *Fugledalskar*, 1st passage, 29/vii; *Fornæstind*, 1/viii, all with Slingsby and W. P. Haskett-Smith (xix. 356–61, 414; S.M.C.J. v. 197). *Anderstind*, with Haskett-Smith, 5/viii; *Skarvknausen* and W. summit of *Jækkevarre*, 8/viii; exploration of the *Jøkuls* glacier, 16/viii; 1st passage of *Rendalskar*, 22/viii (xix. 361–3).

1899. Norway. Made the following expeditions: *Lille Isskartind*, 22/vi; *Pipertind*, 23/vi; *Tvillingtinder*, 27/vi; *Trolltind* and *Stortindalskar*, 29/vi; *Durmaalstind*, 2, 3/vii; traverse from E. to W. of *Jækkevarre* (see 1897, 98) and 1st ascent of its *Centraltind*, 3, 4/vii; *Reindalstind*, 11/vii (xix. 611–15; N.T.F.A. 1900, p. 78); new route up *Slogen*, with W. C. Slingsby and O. E. Todd, 28/viii (xix. 610; Y.R.C.J. i. 112).

1901. Norway. Explored the Frostisen peaks (xxi. 93). Lofoten Islands. 1st ascent of *Higrafstind*, 7/viii; attempt on *Rulten*, 12/viii; 1st ascent of *Gjeitgaljar*, 14/viii, with Collie, Priestman, and Woolley (xxi. 47, 90).

Edward Harold Hayes

(Dec. 1881, resigned 1895)

Born 24 May 1854, Stockton Heath, Lancashire. Son of Rev. William Hayes of Stockton Heath.

Married 1887 Isabelle, d. of Thomas Lechmere Marriott of St. Anne's, Pembrokeshire.

Educated Eton and Balliol College, Oxford ; 1st Class in Mathematical Moderations and Junior Mathematical Scholar, 1875 ; 1st Class in Mathematical Greats, 1877 ; 1st Class in Natural Science, 1878.

Fellow, 1878, and Tutor of New College, Oxford. Natural Science Examiner, 1883–5, 1899–1900 ; Mathematical Moderator, 1888–9, 1896 ; Mathematical Examiner, 1893–5, 97.

Q. Alpine.

1882. *Brèche de la Meije*, 4/ix, and *Col de la Temple*, 6/ix, with H. B. George (S.T.D. Ann. 1882 ; cf. xiii. 327).

Frederick Webb Headley

(May 1882, d.m. 1919)

Born 10 April 1856, Gatcombe. Son of Rev. Henry Headley, Vicar of Brinsop, Herefordshire.

Educated Harrow and Caius College, Cambridge ; 13th Classic, 1878.

Assistant Master at Haileybury, 1880–1914 ; returned during the War.

F.Z.S. Author of ' The Structure and Life of Birds ' (1895) ; ' Problems of Evolution ' (1900) ; ' Life and Evolution ' ; ' Darwinism and Modern Socialism '.

Died 25 Nov. 1919.

Q. Alps 1874, 75, 80, 81.

1874. *Matterhorn*, with E. P. Arnold, 25/viii.

1910. Read a paper before the Club on ' The Birds of the Alps ', xxv. 205.

James Heelis

(Dec. 1877, C. 1895–8, d.m. 1898)

Born 19 Jan. 1841, Little Bolton. Son of James Heelis bleacher and Sarah Rothwell.

Solicitor (1866), Manchester. Extraordinary Member of Council of the Law Society, 1888–90 ; Member of Council, 1894–7. Retired from practice, 1897, and went on a tour round the world, in the course of which he

Died at Yokohama 23 March 1898.

Q. Alpine.

1876. *Dent Perroc* (see Arolla C.G., p. 127).

1878. See G. Yeld.

1879. With P. Watson, *Silvretta* pass, 9/viii ; *Piz Linard*, 11/viii ; *Ortlerspitze*, 14/viii ; *Mte. Tresero*, 16/viii ; *Königsspitze*, 19/viii ; *Passo di Venerocolo* (?), 21/viii ; *Adamello*, 22/viii ; *Monte della Disgrazia* from Chiesa ; descended to Val Masino and reached Sondrio 1.30 a.m. (C.A.I. Boll. xiv. 163–4).

1880. *Matterhorn*, 7/ix (Hut Book).

1881. 3rd recorded ascent, by a new route from the Triftjoch, of the *Wellenkuppe*, with G. FitzGerald, 22/viii (x. 359) ; *Täschhorn* traversed, 26/viii (Ö.A.Z. 1882, p. 320).

1886. *Lyskamm* by the E. arête, with A. Lorria (q.v.), 16/ix (Ö.A.Z. ix. 89, 101) ; and *Monte Rosa* by E. Hulton's route, 17/ix (ibid., p. 104).

Skye : with C. Pilkington and Horace Walker, 1st ascent from the N. of *Bidean Druim nan Ramh* (Abraham, p. 92) ; traverse of *Sgurr Tearlach*, *Sg. Alasdair*, and *Sg. Sgumain* ; 2nd ascent from the W. of the ' Inaccessible Pinnacle ' and 1st ascent of *Sg. Mic Choinnich* (Abraham, p. 193) ; ascended *Sg. Greadaidh* and traversed *Sg. Mhadaidh* ; and made 1st ascents of *Clach Glas* ; and *Sg. na Uamha* (xiii. 436–45).

Wrote a paper on ' The Ancient Rhone Glacier ', xii. 157.

Henry William Henderson

(Dec. 1887)

Born 28 May 1862. Son of George Henderson of Langholm, Dumfries, and Eliza, d. of George William Cockshott of York.

Married 1890 Elvira de Orihuela.

Educated privately.

Stockbroker. One of the Trustees and General Managers of the London Stock Exchange.

Q. Alps 1885–7.

1889. *Aiguille de Tacul*, new route from the NE., with J. H. Wicks, 19/vii (xv. 150).

Henry William Holder

(1886, resigned 1915, re-elected 1921)

Born 26 Feb. 1851, at Sheet, near Petersfield.

Married 1896 a d. of Sir George H. Fisher Smith of Halifax.

Educated private school at Halifax, Yorks., 1864–6 ; then had 5 years' business training in the firm of H. C. M'Crea & Co., damask manufacturers, Halifax.

At the age of 21 resolved to train himself for religious work in connexion with the Independent Congregational Denomination ; studied for 3 years at Owens College, Manchester (also taking the B.A. degree, London University, 1875), then at St. John's College, Cambridge (Foundation Scholar), 2nd Class in the Moral Science Tripos, 1878. Also took the M.A. degree in Philosophy, London University, 1879, and passed the Intermediate Science Examination, 1882, and Intermediate Law, 1892.

For a few years was Pastor of the Congregational Church at Stalybridge, then abandoned the Ministry. Spent a winter session at the Medical School at Owens College with the idea of taking up the medical profession, but the Registrarship of the College falling vacant, he was elected to that office.

Q. Alpine.

1888. Caucasus. With J. G. Cockin and H. Woolley travelled from Naltchik to Bezingi, 13, 14/viii ; to the Missess Kosh, 15/viii ; after an attempt by C. T. Dent's 1886 route, 17/vi, made the 2nd ascent, by a new route by the N. ridge, of *Dykhtau* (*Koshtantau*), 20/viii (C.A.I. Boll. 1889, p. 256). Made the 1st ascent of *Katuintau* (*Saddle Peak*), with Woolley, 24/viii (C.A.I. Boll. 1889, p. 267) ; and with Cockin ascended and established the practicability of the *Shkara Col*, 29/viii ; made an attempt on *Mishirgi tau*, reaching *c.* 16,000 ft., 31/viii ; and made the 1st ascent of *Salynan Bashi* (*Salananchera*), 3/ix. Left with Woolley for Vladikavkaz, 4/ix (xiv. 90–3). He read a paper before the Club on these climbs, xiv. 177–96 (pp. 178–90 form ch. xiv of Freshfield's ' Exploration of the Caucasus '), and another before the R.G.S. on ' The Peaks of the Bezingi Glacier ', Proc. R.G.S. 1889, p. 359.

1889. *Furggenjoch* ; *Matterhorn* traversed (U. Almer).

1890. Caucasus. With J. G. Cockin travelled from Kutais to

Gebi, 14–17/viii ; up the Zikhvarga valley and its E. ridge, 18/viii ; 1st ascent of the E. and 1st ascent of the W. (highest) summit of *Zikhvarga* (*Tsforga*), 19/viii ; crossed to base of Burdjula (Boordooil), 21/viii ; 1st ascent of *Burdjula*, 23/viii ; 1st ascent of *Adai Khokh*, 26/viii ; returned to Gebi, 28, 29/viii ; by the *Vaziszveri* (*Goribolo*) pass and Skenes Skali valley to Lashkete, 30/viii–2/ix ; by the *Latpari* pass to Kal, 3/ix ; attempt on *Janga* from the Kalde valley, 5/ix ; started from Betsho for an attempt on Ushba, but had to abandon it from lack of time, 10, 11/ix. Regained Kutais, 15/ix (xv. 316–19). He read a paper before the Club on the tour, xv. 513.

1891. With E. A. Broome ascended *Monte Rosso di Scerscen* and *Piz Bernina* and descended by the *Scharte* and *Pizzo Bianco* in a single day of 19 hours, 28/viii. This was the 1st time these 3 peaks had been reached in a single day, and probably the 2nd time that this descent had been made (xvi. 116 ; Studer, iii. 106).

1894. With E. A. Broome, *Le Plaret*, 6/viii ; *Grande Ruine* traversed, 8/viii ; *Col des Écrins*, 10/viii ; 83rd ascent (a traverse) of the *Meije*, 14/viii (Rev. Alpine, 1897, p. 143) ; *Brèche de la Meije*, 16/viii ; *Grande Aiguille*, 20/viii ; *Barre des Écrins* traversed (99th ascent) ; *Pic Coolidge* (S.T.D. Ann. 1894, pp. 105–17).

1896. Caucasus. With J. G. Cockin and H. Woolley, from Piatigorsk to Uruspieh, 14–16/viii ; camped in the Adyrsu valley, 17/viii ; 1st ascent of *Sarumbashi*, 19/viii ; 1st ascent of *Adyrsu Bashi*, 22/viii ; attempt on *Jailik Bashi*, reaching *c.* 14,000 ft., 25/viii ; 1st ascent of *Gumachi*, 28/viii ; moved to the Shikildi glen ; attempt on *Bshedukh*, 4/ix (xviii. 255–7 ; he read a paper before the Club on the August expeditions, xviii. 487).

Sir Alfred Hopkinson

(Dec. 1887)

Born 8 June 1851. Son of John Hopkinson, mechanical engineer, Alderman, and some time Mayor of Manchester, and Alice, d. of John Dewhurst of Skipton, Yorkshire. Brother of C., E., and J. Hopkinson ; uncle of B. Hopkinson.

Married 1873 Esther, d. of Henry Wells of Nottingham.

Educated Owens College, Manchester. B.A. of London Uni-

versity, 1870, and Lincoln College, Oxford (Scholar); 2nd Class in Literae Humaniores, 1872; Stowell Fellow of University College, 1873; 1st Class B.C.L., 1874; Vinerian Scholar, 1875. Honorary Fellow of Lincoln College, 1903.

Barrister (Lincoln's Inn), 1873; practised on the Northern Circuit and in Manchester till 1889. Professor of Law and Jurisprudence at Owen's College, Manchester, 1875–89; removed to London, 1889.

Examiner in Equity, &c., London University, 1892–7. Q.C., 1892; Bencher of Lincoln's Inn, 1896; Treasurer.

Contested East Manchester (as a Liberal), 1885; South-West Manchester, 1892, M.P. (Unionist) for Cricklade Division of Wiltshire, 1895–8, when he resigned his seat.

Principal of Owens College, Manchester, 1898–1904. Vice-Chancellor of Victoria University, 1900–13. Adviser to Bombay University, 1913–14. Hon. LL.D. of Glasgow, Aberdeen, Leeds, and Bristol Universities. Knighted, 1910.

Member of the Government Committee on German Outrages, 1915.

M.P. (Unionist) combined English Universities, 1926–.

Chairman of Trade Boards, Universities Tribunals, and various departmental committees.

Author of 'The Faculty of Law and the Idea of Law'; 'Definite Reform in English Land Law'; 'Rebuilding Britain: a Survey of Problems of Reconstruction'; articles on legal and political questions in leading reviews and periodicals; contributor to 'Encyclopaedia Britannica', 9th ed.

Q. Alps 1871, 79, 81, 83, 84, 87.

Vice-President 1905–8, President 1909–10 of the Rucksack Club. Hon. Member of Y.R.C., 1907.

Wrote an In Memoriam notice of E. Hopkinson, xxxiv. 309.

Charles Hopkinson

(Dec. 1887, C. 1903–4, d.m. 1920)

Brother of A., E., and J. Hopkinson.

Educated Queenwood College, Hants, and Owens College, Manchester. London University Matriculation, 1871; Intermediate Science, 1873.

Civil Engineer, Manchester.

Died 5 Sept. 1920. (In Memoriam, by W. C. Slingsby, with portrait, xxxiii. 268.)

Q. Norway 1879, 82, 85 ; Alps 1880, 81.

1879. Norway. Made an attempt on *Store Troldtind* from the Middagshorn, and effected a passage from Romsdal to Isterdal (xv. 395 ; N.T.F.A., pp. 34–5).

1885. Norway. With W. C. Slingsby made the 2nd (and 1st traveller's) ascent of *Kjeipen*, 1st ascent of *Tremolnstind*, and a new glacier route (which involved a night out) from Rise to the Hye Fjord, 5, 6/ix ; 2nd (and 1st traveller's) ascent of *Gjegnalund* and 1st ascent of *Björnetind*, 8/ix ; 1st ascent of *Mjölnir* (C. H. also made an ascent of one of the Vengetinder Aiguilles) and descent of the Kvandal glacier, 12/ix ; and another attempt on *Store Troldtind* from the Middagshorn, effecting another and higher pass from Romsdal to Isterdal, 15/ix. He read a paper before the Club (written in part by Slingsby) on these expeditions. 'The Ascent of Mjölnir and the Exploration of the Gjegnalund Glaciers in Norway', xiv. 380 ; cf. N.T.F.A. 1893, pp. 34–5.

1888. Norway. Made with E. Hopkinson the 1st ascent of *Store Gjeithorn* (Søndmøre), 27/viii ; and a new pass from Urke to Brunstad, 28/ix (xiv. 162).

1890. 1st ascent (and traverse) of the *Hohstock*, with E. and J. Hopkinson (q.v.) and W. N. Tribe.

1894 (or 95). See J. Hopkinson.

1895. Made new routes up and down the *Rotstock* or *Rothorn* (Fusshörner), with E. Hopkinson and W. C. Slingsby, 2/ix (xvii. 588 ; Bernese C.G. II. i. 202) ; and a new descent of the *Nesthorn* by the SE. arête, with the same and J. Hopkinson, 4/ix (xvii. 588), both without guides.

1907. *Düssistock* and *Pizzo Uccello*, with C. and E. F. Pilkington, E. Carr, and H. Woolley ; guideless (Rucksack Club J. i. 122).

For his climbing in Scotland and the Lake District, see J. Hopkinson. He also made a variation in the *Oblique Chimney* of *Great Gable*, 3/iv/1896 (Jones, p. 124) ; and the 1st direct ascent of *Easter Gully, Doe Crags*, with O. Koecher, 14/iv/1895 (Jones, p. 213 ; C.C.J. vii. 222).

Wrote an In Memoriam notice of H. Woolley, xxxiii. 260.

Edward Hopkinson

(Dec. 1887, d.m. 1922)

Born 28 May 1859, Manchester. Brother of A., C., and J. Hopkinson.

Married 1886 Minnie, d. of John Campbell of Rathfern, Co. Antrim.

Educated Victoria Park School, Owens College, Manchester (Dalton Mathematical Exhibitioner), and Emmanuel College, Cambridge (Scholar); 10th Wrangler, 1881. Fellow of Emmanuel College, 1883. Matriculated (1st Class Honours), 1875; B.Sc. Honours in Physics, 1879; D.Sc. (his subjects being electricity and magnetism), 1881, London University.

Commenced mechanical and electrical engineering as assistant to Sir Williams Siemens, 1882; carried out experiments at Portrush on the first electrical tramway in the United Kingdom, and in 1883 read a paper on the subject, jointly with Mr. Alexander Siemens, before the Roy. Soc. of Arts, for which he was awarded a silver medal; M.I.C.E., M.I.E.E., M.I.M.E., President. Designed the electrical equipment of the Bessborough and Newry tramroad (which is worked by water-power); read a paper on its construction and working to the Inst. C.E., for which he was awarded a gold medal and the Telford Premium (also in 1883), 1883. Joined the firm of Mather & Platt (the Salford Iron Works), 1884, taking charge of the electrical engineering department, and later became a Director and ultimately, 1889, when the firm was enlarged by the merging into it of Messrs. Dowson, Taylor & Co., Vice-Chairman of Mather & Platt, Ltd.

Designed the original City and South London Tube Railway, opened 1890, for papers on which he received the Telford and George Stephenson medals and premium of I.C.E. This was the first application of electricity to locomotion on a large scale in this country. Director and Vice-Chairman of the Chloride Electrical Storage Co., Ltd.

M.P. (Coalition Unionist) for Clayton Division of Manchester, Dec. 1918.

Member of the Executive Committee of the Manchester Steam Users' Association. Member of the Board of Industrial Fatigue Research. Member of Indian Industrial Commission, 1916–18. Author of technical papers in Trans. R.S., Proc. I.C.E., and I.M.E.

Treasurer of the Salford Royal Hospital. President of Manchester Girls' Institute. Chairman of David Lewis Colony for Epileptics.

Died 15 Jan. 1922. (In Memoriam, by A. Hopkinson, with portrait, xxxiv. 309.)

Q. Alps 1880, 81, 86, 87.

1887. Made a guideless ascent of the *Aiguille de la Za* with W. C. Slingsby, W. Larden, H. Fox, and C. H. Powell, 23/viii (xiii. 454, xiv. 84 ; Arolla C.G., pp. 114–15).

1888. Norway. See C. Hopkinson.

1890. Made the 1st ascent (and traverse) of the *Hohstock*, with C. and J. Hopkinson (q.v.) and W. N. Tribe ; and the 1st traverse of the *Belgrat* ridge, with Tribe (xx. 52; Bernese C.G. II. i. 156); both guideless.

1888. British Isles. With W. C. Slingsby, G. Hastings, and W. P. Haskett-Smith, 1st ascent of the Great Gully on *Doe Crags*, 14/viii (xiv. 169 ; Jones, p. 212 ; C.C.J. vii. 220) ; and a new climb on Scafell, 15/vii (xiv. 170).

1890. Skye : 1st ascent of the *Bhasteir Gorge* and a new route up the 3rd pinnacle of *Sgurr nan Gillean*, with G. Hastings and W. C. Slingsby (xv. 433–5 ; Abraham, pp. 39, 86–9).

1895. 1st ascent of the Intermediate Gully on *Doe Crags*, 14/iv (Jones, p. 212 ; C.C.J. vii. 221). See J. Hopkinson.

For other climbs in Scotland and the Lake District see J. Hopkinson.

John Hopkinson

(April 1889, d.m. 1898)

Born 27 July 1849. Brother of A. Hopkinson (q.v.) and C. and E. Hopkinson.

Married 1872 Evelyn, d. of Gustavus Oldenbourg of Leeds. Father of B. Hopkinson.

Educated Lindow Grove School ; Queenwood College, Hants ; Owens College, Manchester (Whitworth Scholar, 1869), and Trinity College, Cambridge (Minor Scholar, 1867). Sheepshanks Astronomical Exhibition, 1868 ; Senior Wrangler and 1st Smith's Prizeman, 1871. Performed successfully on the running track and as an oarsman. Fellow of Trinity College. Examiner in the Mathematical Tripos, 1879. Matriculated

London University, 1867 ; Intermed. Sci., 1st Class Honours : Exhibition in Chemistry and Natural Philosophy, 1867 ; B.Sc. (Scholar in Mathematics), 1868 ; D.Sc. (in Pure and Applied Mathematics), 1870. Examiner in Mathematics, 1879–83 ; Fellow, 1887–98.

Immediately after leaving Cambridge he entered his father's works for a short time and began his long series of scientific writings with two contributions to the 'Messenger of Mathematics' (1872), and read two papers before the Literary and Philosophical Society of Manchester.

From 1872 to 78 he was manager of the lighthouse and optical department in the Lighthouse Works of Messrs. Chance Brothers & Co., near Birmingham, and introduced many improvements in the management and apparatus of lighthouses, notably the Group Flashing System (1874), dealing in his optical (as later in his electrical) work with problems which could only be handled satisfactorily by a man possessing his splendid mathematical attainments. His electrical investigations also commenced during this period, and two electrical papers by him were communicated through Lord Kelvin to the Royal Society in 1876 and 77.

In 1878 he left Birmingham and, while he continued to act as scientific adviser to Messrs. Chance, commenced to build up an independent business in London ; he soon had a very large general practice as a consulting engineer, besides acquiring an almost unique position in connexion with giving expert opinions in patent cases. At the same time he continued his work in electricity, carrying out a number of experiments with small dynamos which are of vast historical importance, and in 1879 read before the Institute of Civil Engineers the first of a series of epoch-making papers on the theory of electrical engineering, which was then in its infancy. Took out his well-known patent for the three-wire system of distributing electricity, 1882. A paper written jointly with E. Hopkinson in 1886 is generally regarded as having finally placed the practical applications of electricity on a satisfactory scientific basis.

From 1890 he was Professor of Electrical Engineering at King's College, London, and head of the Siemens Laboratory, where he carried on his experimental work on the dynamo, but the time was now ripe for electrical engineering on a grand scale ; he began in 1891 with the Manchester electric lighting system, and designed

and carried out a number of other large engineering schemes. At the time of his death he had been engaged for two years on the tramway systems of Leeds and Liverpool. He was also Consulting Engineer to the City and South London Electric Railway, the first of its kind in the kingdom.

Read papers before the British Association in 1872 and 75, and his name appears continuously in its Reports from 1881 onwards. V.P. of Mathematics and Physics Section, 1887 ; on the Council of the Assoc., 1896–7.

M.I.C.E., 1877 ; on the Council, 1895–8. M.I.E.E., 1881 ; President, 1890 and 1896.

F.R.S., 1878 ; on the Council, 1886–7 and 1891–3. Awarded the Royal Society Medal for researches into the magnetic properties of iron, 1890.

Took an active part in founding the Volunteer Corps of Electrical Engineers, and was appointed Major-in-Command of the Corps, 1897.

Two volumes of ' Original Papers : (1) Technical ; (2) Scientific ', edited with a Memoir by B. Hopkinson, were published in 1901.

Died 27 Aug. 1898. (In Memoriam, xix. 349, by A. B. W. Kennedy, D.N.B., M. and W., &c.)

Q. Alps 1871, 80, 82–4, 86, 87.

1890. Made new routes up *Mont Collon* (by the N. face), 13/viii ; and, with B. Hopkinson, up the *Petit Mont Collon* (from the NW.), 18/viii (xv. 305 ; Arolla C.G.).

Made the 1st ascent (and traverse) of the *Hohstock*, with C. and E. Hopkinson and W. N. Tribe (guideless) (xx. 52 ; Bernese C.G. vol. i, pt. ii, pp. 157, 159 ; see xvii. 597, xix. 250–1).

1894 (or 95 ?). Made a new route on the *Gross Fusshorn* with C. and Miss A. Hopkinson ; without guides (xx. 52 ; Bernese C.G. vol. i, pt. ii, p. 205 ; see xix. 356).

Explored an unclimbed bit of the Unterbachhorn–Nesthorn ridge, with B. Hopkinson, 29/viii (xvii. 588 ; Y.R.C.J. iii. 11).

1895. Made partly new routes up and down the *Schienhorn* with B. Thompson and G. T. Walker, 2/ix (xvii. 587 ; Bernese C.G. vol. i, pt. ii, pp. 164, 166); a new descent of the *Nesthorn* by the SE. arête, with C. and E. Hopkinson and W. C. Slingsby, 4/ix (xvii. 588 ; Y.R.C.J. iii. 10); the 1st ascent of the Middle Peak

of the *Fusshörner*, with B. and E. Hopkinson, 6/ix (xvii. 588, xix. 316); and an ascent of the *Weisshorn*, with O. G. Jones (q.v.); all without guides.

He and his brothers were active members of the band who developed rock-climbing in the British Isles.

Notable among their climbs are the 2nd ascent of the *Great Gully* of *Doe Crags*, 19/iv/1889 (Jones, pp. 212, 215; C.C.J. vii. 20). The 'Guide' says, 'Great Gully: 1st pitch direct with threaded rope, the brothers Hopkinson, 19/iv/1889' (in the lists of 1st ascents, 'Guide', iii); the 1st ascent of the *Professor's Chimney* on *Scafell*; and another climb on *Scafell* on 2/iv/1893 (Jones, pp. 71–2, 75–6).

1892. With E. and B. Hopkinson ascended the *Tower ridge* of *Ben Nevis* as far as the Tower, 3/ix. With the same (S.M.C.J. 'Guide', vii. 156) and C. Hopkinson made the 1st descent (for 1st ascent, in 1894, see J. N. Collie) of the *Tower ridge* (probably by the Recess route), 4/ix (ibid. iii. 158; 'Guide', vii. 159). *Tower ridge pinnacle* (Douglas's Boulder), 8/ix (S.M.C.J. iv. 172). See xvii. 520–1. These are the earliest definitely recorded climbs on the N. face of Ben Nevis.

Reginald Hughes

(Feb. 1880)

Born 4 January 1843. Son of Walter Hughes, London, attorney-at-law.

Married, 1st, 1873 Matilda Adeline, d. of Dr. Bright of New York; 2nd, 1914 Harriet Alice Ashworth of St. Albans, d. of Howard Haughton Ashworth.

Educated Merchant Taylors' School and St. John's College, Oxford. 3rd Class in Classical Moderations, 1863; 1st Class in Law and History, 1865; B.C.L., 1868; D.C.L.

Barrister (Lincoln's Inn), 1867; practised for many years at the Chancery Bar.

Died at Anticoli, near Rome, 1 June 1924. (In Memoriam, by Col. J. W. A. Michell, with portrait, xxxvi. 379.)

Q. Alpine.

1882. Made a new route from the E. up to the central peak of the *Aiguilles Rouges d'Arolla*, with D. W. Stable, 9/ix (xi. 174).

1886. 2nd recorded passage of the *Mittaghorn–Egginerhorn* arête (the 1st was made 5 days earlier), 28/viii (xiii. 182).

William Gulson Hutchinson

(Dec. 1879, d.m. 1886)

Born 17 July 1847. Son of William Evans Hutchinson of Leicester.

Married 1881 Alexandrine Stéphanie Louise Geux-Doge of Vevay, Canton Vaud.

Manufacturer, Leicester.

In 1885 or 86 took up his residence at Vevay.

Died 2 Sept. 1886 (see below), aged 39.

Q. Alpine.

1879. *Matterhorn*, i/ix ; cf. xxxi. 260.

1886. Started from home for the Val de Bagnes, 27/viii ; ascended *Mont Pleureur*, 29/viii ; *Mont Avril*, 30/viii ; the *Grand Tavé*, 31/viii. He was unwell on the evening of the 31st, but started for Arolla by way of the *Col du Mont Rouge*, 1/ix. He became seriously ill on the way and was with difficulty conveyed to Arolla, where he died early 2/ix (xiii. 115).

James Alexander Hutchison

(April 1881, resigned 1898)

Born 15 Feb. 1847. Son of James Hutchison of London and Eliza, d. of Rev. James Evill.

Married 1887 Beatrice Jameson, d. of Alfred James Waterlow, J.P., of Reigate.

Educated Finchley College.

Business career passed in the house of Messrs. Fruhling & Goschen, merchants, London.

Died 9 May 1899.

Q. Alpine.

1879. *Matterhorn*, with W. W. R. Powell (q.v.), 13/viii.

1880. *Aiguille d'Argentière*, new descent to the Argentière glacier, 14/viii ; attempt on the *Aiguille du Chardonnet* from the Col du Chardonnet, 16/viii, both with L. Dècle (x. 233) ; 1st

ascent of the *Aiguille des Petits Charmoz* (pt. 2,868 m.), 18/viii (x. 95, 421, 500).

1884. See L. S. Powell.

James Jackson

(Feb. 1883, d.m. 1926)

Born 9 September 1845, Government House, Melbourne. Son of James Jackson of London and Toorak, Victoria.

Married 1877 Grace B., d. of Dr. Benjamin Blaine, Resident Magistrate, Natal.

Educated Eton and Trinity College, Cambridge. Senior Optime, 1868.

J.P. and D.L. Essex.

Died 27 Nov. 1926 at Heacham, Norfolk.

Q. Alps 1863, 64, 67, 71, 72, 75, 76, 80 ; attempts on *Fujiyama* in winter, and exploration of the *Tasman Glacier*, New Zealand.

1867. *Mont Blanc*, 11/vii ; *Oberaarjoch*, with Rev. A. G. Girdlestone and J. H. D. Matthews, 31/vii (Girdlestone).

1872. Traversed the *Matterhorn* from Breuil to Zermatt (1st traverse in a day), 26/vii (C.A.I. Boll. vi (1872), 447, vii. 521, 1890, p. 32 ; R.M., p. 147).

With J. H. Kitson made the 6th ascent of the *Mönch* from the Wengern Alp, descended to the Ober Mönchjoch, and returned to the Wengern Alp over the *Jungfraujoch* in a single day (Studer, i. 206 ; Chr. Almer, p. 172) ; made the 1st traverse of the *Eiger*, descending by W. A. B. Coolidge's 1871 route, then crossing the *Eigerjoch* and descending by the *Mönchjoch* to Grindelwald in a single day (Studer, i. 304 ; Chr. Almer, p. 172) ; and ascended the *Wetterhorn* and *Mittelhorn* from Rosenlaui, and descended by the *Rosenegg* to Grindelwald in a day (Chr. Almer, p. 172).

1875. *Rothorn*, with J. H. Kitson ; *Dent Blanche* (U. Almer).

1876. *Cols de Sonadon, de Seilon, d'Hérens, Lysjoch* and *Lyskamm, Sesiajoch, Matterhorn*, 12/viii, all with J. H. Kitson (Almer, p. 200) ; 1st ascent of the *Täschhorn* from the Mischabeljoch, 15/viii (viii. 345) ; *Gabelhorn* (Almer, p. 200), with J. H. K. (?).

1880. *Wetterhorn*, with Mrs. Jackson, 19/viii (Almer, p. 220 ; N.A.P. xii. 95).

Charles Handfield Jones

(April 1877, d.m. 1890)

Born 1 Oct. 1819, Liverpool. Son of Captain Jones, R.N.

Married 1851 Louisa Holt. Father of M. Handfield Jones.

Educated Rugby ; St. Catherine's College, Cambridge ; B.A., 1840 ; M.B., 1843 ; and St. George's Hospital. M.R.C.P., 1845. F.R.C.P., 1849.

Physician to St. Mary's Hospital, 1851–89. Consulting Physician, 1890. Junior Censor, 1863–4 ; Senior Censor, 1886. Vice-President, 1888, of the Royal College of Physicians.

Delivered the Lumleian Lectures on ' The Pathology of the Nervous System ', 1865 (published in the Medical Times Gazette, 1865–6).

Joint author with Sir E. H. Sieveking, M.D., of a ' Manual of Pathological Anatomy ' (1854).

Author of many papers in the medical journals, the Transactions of the Medico-Chirurgical Society of London, and of the Pathological Society, and the Philosophical Transactions of the Royal Society.

F.R.S., 1850.

Died 30 Sept. 1890. (D.N.B. ; In Memoriam, xv. 283, by C. T. Dent.)

Q. Alpine.

? 1876. *Col du Géant*, 1/ix (N.A.P. iv. 396).

Charles Montagu Handfield-Jones

(April 1877, resigned 1885)

Born 12 May 1855. Son of C. H. Jones (q.v.).

Married Maud Kathleen Dawson.

Educated Rugby and St. Mary's Hospital (Scholar in Natural Science and Exhibitioner in Classics and Mathematics). M.R.C.S., 1877. M.R.C.S. and M.B. of London University (Honours in Obstetric Medicine), 1883. M.D., 1886. F.R.C.P., 1900.

Obstetric Surgeon to St. Mary's Hospital and the British Lying-in Hospital. Lecturer on Midwifery and Diseases of Women to St. Mary's Hospital Medical School. Examiner in Midwifery and Gynaecology in Cambridge University.

Harveian Lecturer, 1896. Author of Contributions to Allbutt

and Playfair's 'System of Gynaecology' (1896) and various Medical Journals.

Died 2 July 1920. (Who's Who.)

Q. Alpine.

John Viriamu Jones

(Feb. 1887, d.m. 1901)

Born 2 Jan. 1856, Pentreporth, near Swansea. Son of Rev. Thomas Jones, Chairman of the Congregational Union of England and Wales (D.N.B.), and Jane Jones of Morriston.

Married 1882 Sarah Catherine, d. of William Ridout Wills of Wylde Green, near Birmingham, niece of Sir A. Wills.

Educated Reading and University College Schools and the Normal College, Swansea; then, after matriculating at London University (1st in Honours), at University College, 1872–5 (B.Sc., with Honours, London University and University Scholar in Geology, 1875; Fellow of London University); and Balliol College, Oxford (Brackenbury Scholar); 1st Class in Mathematical Moderations, 1877; 1st Class in Mathematical Greats, 1879; 1st Class in Natural Science, 1880.

Fellow of Jesus College, Oxford, 1897–8. Examiner in the Natural Science School, 1887, 88, 89.

Demonstrator of Physics at the Clarendon Laboratory, 1880.

Principal of Firth College, Sheffield, and Professor of Physics and Mathematics, 1881–3.

First Principal of the South Wales University College, Cardiff, 1883–1901; first Vice-Chancellor of the University of Wales, 1893–1901. His administrative work in connexion with Welsh education was in the highest degree successful, and if his health had not broken down during the last two or three years of his life, he would have been invited to become Principal of the recently reconstituted University of London.

He accomplished much original work in electricity, principally in connexion with the measurement of the standards of electrical energy. F.R.S., 1894.

Read a paper before the British Association, 1885; from 1890 onwards his name figures continuously in the Transactions and Reports; V.P. of Mathematics and Physics Section, 1891.

Died 2 June 1901. (In Memoriam, xxi. 36, by W. A. Wills; D.N.B.; Memoir in 'John Viriamu Jones and other Oxford Memories', by Edward Bagnall Poulton, which also contains an appendix on his work as Vice-Chancellor, by Sir Isambard Owen.)

Q. Alpine.

1887. *Mönch* and *Jungfrau* in a day, with Sir H. S. King (xxi. 38).

Thomas Porter Hatt Jose

(Dec. 1877)

Son of Thomas Porter Jose of Clifton.

Married 1895 Eliza Cook.

Educated Clifton and King's College, Cambridge; B.A., 1881.

Merchant, Bristol; retired.

Q. Alpine.

1878. *Matterhorn.*

1881. *Dent d'Hérens*, new route by NW. arête, 1/viii (x. 358).

1883. 1st ascent of point 3,643 m. on the Weisshorn–Schienhorn ridge, 8/viii (xiii. 190 note; Studer, i. 377, 394 note).

1884. *Breithorn*, by N. face (xxxii. 274); *Monte Rosa*, by the rocks; *Fee* pass; *Mischabeljoch*; *Dom* (xxxii. 105).

1885. 1st ascent from the W. of the *Wellenkuppe*, 1/viii (xiii. 124).

1886. Made the 2nd ascent of the *Gross Fusshorn* (xiii. 269); on the *Schreckhorn* at the time of the accident to Herr Munz's party, 28/viii (xiii. 113); with W. Fairbanks, *Mittelhorn* traversed (U. Almer); and *Mönch* from the Wengern Alp, 13/ix, an expedition which had not been made for 7 years (xiii. 128) and was not repeated till 1894 (xvii. 452).

1887. Made a partly new ascent of the *Aiguille des Charmoz* and traversed all the 5 teeth, 10/ix (xiii. 408; R.M. 1894, p. 219).

1889. Dauphiné, with C. Cannan (S.T.D. Ann. 1889, pp. 61–4). Made the 36th ascent of the *Meije*, 29/viii.

1892. Made a new ascent by the NE. arête of the *Pointe du Vallon des Étages*, 6/viii; 74th ascent of the *Barre des Écrins*, 8/viii; a new descent by the W. face of the *Grande Aiguille*, 12/viii; *Col de Plaret* and new route up the *Pic Gény* by the E.

arête, 13/viii (xvi. 316 ; S.T.D. Ann., pp. 98–9, 124–39). 1st ascent of the *Distelhorn*, 22/viii (xvi. 319).

Edmond Kelly

(Dec. 1890, d.m. 1909)

Born 28 May 1851, Toulouse. Son of Robert Edmond Kelly of Versailles.

Married, 1st, 1880 Frances Bacon, d. of Charles Barstow (or Bartow) of New York ; 2nd, 1905 Edith Thuresson of Toronto.

Educated Sherborne, 1865–8 ; Columbia College, New York (M.A., 1870 or 71) ; St. John's College, Cambridge (studied geology under T. G. Bonney) ; 2nd Class in the Natural Science Tripos, 1874. Graduated as Licencié en Droit de la Faculté de Paris. Returned to Columbia College (LL.B., 1877), and soon afterwards was at the École de Droit, Paris.

Practised at the New York Bar, 1877–9 ; in Paris, 1879–81.

A breakdown in health led him to leave Paris and take up ranching life in the Rockies. Returned to New York and practised there, 1891–9 ; took an active part in the movement for the overthrow of Tammany Hall and established Good Government Clubs in several districts of the city ; was a member of the Faculty of Political Science at Columbia College, 1895–9, and lectured on the Municipal Politics and History of the State of New York.

Practised again in Paris 1899–1906, and finally in New York, 1906–9. Was counsel in a number of American *causes célèbres* in both places, and his professional income was very large. Acted as Counsellor to the U.S. Embassy. Represented the Vanderbilt interests, and had charge of the European affairs of the New York Equitable Life Assurance Society. Was Counsel for Anna Comtesse de Castellane (d. of Jay Gould, subsequently Princesse de Sagan and Duchesse de Talleyrand) in her divorce suit with Count Boniface de Castellane.

Author of 'The French Law of Marriage and the Conflict of Laws that arises therefrom' ; 2nd ed., revised by O. E. Bodington, 1895).

His experiences of New York politics turned his attention to social and economic problems. Author of 'Evolution and Effort' ; 'Government or Human Evolution' (1900) ; 'A Practical Programme for Workmen' ; 'The Elimination of the

Tramp' ; 'The Unemployables' (a pamphlet, 1907) ; and 'Twentieth-Century Socialism' (1911).

Chevalier de la Légion d'Honneur ; F. Geol. Soc., 1875 ; member of many clubs and societies in Paris, New York, and London.

Died 4 Oct. 1909. ('Men of America' ; Geol. Jnl. 1896; 'The Eagle', Dec. 1909.)

Q. Alps 1883, 85, 87, 89, 90.
Member of C.A.F. (?)

Sir Henry Seymour King, K.C.I.E.

(May 1880, C. 1887–90)

Born 4 Jan. 1852. Son of Henry Samuel King of Chigwell, Essex, and Ellen, d. of John Blakeway.

Married 1875 Julia Mary, d. of Rev. John Jenkins, D.D., of Montreal.

Educated Charterhouse and Balliol College, Oxford ; B.A. and M.A., 1880.

Entered the firms of Henry S. King & Co., London, King, King & Co., Bombay, Delhi, and Simla, and King, Hamilton & Co., Calcutta, bankers and East India agents, 1875 ; became sole partner on the death of his father in 1878. These firms are now amalgamated with Lloyds Bank.

A Lieutenant of the City of London. M.P. (Conservative) for Hull (Central), 1885–1910. C.I.E., 1887 ; K.C.I.E., 1892. First Mayor of Kensington, 1900 ; re-elected, 1901. A Governor of Charterhouse. Member of Council of the Union Jack Club.

Member of the Royal Yacht Squadron, Cowes ; formerly of the Royal Temple Yacht Club (Commodore), and the Royal Yorkshire Yacht Club (Rear Commodore).

Director of the International Investment Trust Co., Ltd. (Deputy Chairman) ; the Indian and General Investment Trust, Ltd. (Chairman) ; American Freehold Land Mortgage Company of London ; and Queensland Investment and Land Mortgage Co., Ltd.

Q.
Member of D.Ö.A.V., Austria Section.
1885. *Dent du Géant,* 25/vii (xii. 431) ; 1st ascent of the

Aiguille Blanche de Peuteret, 31/vii (xii. 419; he read a paper before the Club on this expedition, xii. 431). Made a new route up *Mont Collon* with H. Barrett, 25 or 21/viii (Pennine C.G., p. 35; Arolla C.G., p. 79); a new passage through the *Vuibez* ice-fall with W. F. Donkin, 28/viii (Pennine C.G., p. 37; Arolla C.G., p. 69); *Petite Dent de Veisivi*, with Barrett, 29/viii; *Mont Brulé*, with Donkin, 31/viii (Arolla C.G., pp. 36, 91); 2nd ascent (by a new route) of the N. summit and 3rd ascent of the highest summit of the *Dents des Bouquetins*, 1/ix (xiii. 530–1, xx. 112).

1886. *Lo Besso*; *Trifthorn*; 1st ascent (and traverse) of the *Ober-Mominghorn*, 16/viii (xiii. 123); *Castor and Pollux*; *Weisshorn*; *Wellenkuppe*; *Lyskamm*; *Parrotspitze*; *Signalkuppe*; *Schwarztor*; *Lysjoch* (List in Report of Austria Section, 1887).

1887. 1st ascents of *King's Peak* (pt. 2,626 m. of the *Engelhörner*), 13/viii (xiii. 416; Bernese C.G. ii. 181–2); the *Eigerhörnli* (pt. 3,069 m. of the Mittellegi ridge), 2/ix (xiii. 416; xx. 266, 414; xxi. 560–1, xxii. 161, 238); and a new ascent, by the NW. arête, of the *Silberhorn*, 24/ix (xiii. 416; he read a paper before the Club on these 'Three New Ascents in the Bernese Oberland', xiv. 25). Ascended the *Mönch* and the *Jungfrau* in a single day with J. V. Jones (xxi. 38).

1891. Made a variation on the *Gspaltenhorn*, 15/viii (xvi. 270).

Otto Julius Koecher

(Dec. 1889)

Son of John Michael Koecher of Manchester. Brother of J. E. Koecher. Brother-in-law of C. W. Mead.

Q. Alps 1886, 88, 89.

1890. Made the 5th ascent of the *Napes Needle*, *Great Gable*, with H. B. Dixon, A. M. Marshall, and Miss Koecher, 31/iii (Jones, pp. 160–1; Haskett-Smith, p. 96).

Grande Aiguille (S.T.D. Ann. 1894, pp. 105–17); *Le Plaret*, 31/vii; *Aiguille du Plat* (U. Almer); *Pointe du Vallon des Étages*; *Barre des Écrins* (93rd ascent) traversed, 29/vii; 82nd ascent (a traverse) of the *Meije*, 1/viii (Rev. Alpine, 1897, p. 143).

1895. Made the 1st direct ascent of *Easter Gully*, *Doe Crags*, with C. Hopkinson, 14/iv (Jones, p. 213; C.C.J. vii. 222).

Aiguille du Moine; *Aiguille Verte* (almost) by Moine ridge;

Aiguille de Blaitière; *Col des Hirondelles*; *Mont Blanc* traversed from Dôme Hut; *Aiguille du Chardonnet*; *Bietschhorn*; *Jungfrau* from Rottal (U. Almer).

Walter Larden

(Dec. 1886, d.m. 1919)

Born 8 Oct. 1855. Son of Rev. George Edward Larden of Brotherton, Yorkshire.

Educated Rugby and Merton College, Oxford (Postmaster). 1st Class in Mathematical Moderations, 1876; B.A., 1st Class in Mathematical Greats, 1878; 1st Class in Natural Science, 1879.

Assistant (Science) Master at Cheltenham, 1880–8; instructor at the Royal Naval Engineering College, Devonport, 1890–1907, when the College ceased to exist.

Author of 'Electricity for Schools' (1887).

Died 7 Oct. 1919 at a nursing home at Vevay. (In Memoriam, xxxiii. 115, by L. S. Powell.)

Q. Alpine. Member of S.A.C., Geneva Section, 1891.

1880. 1st season in Switzerland, with W. H. Heaton, *Tschingel* pass, 27/viii.

1882. 1st visit to Arolla, 19/viii. Descended the *Pas de Chèvres* alone, his 'first introduction to a rock'.

1883. 2nd visit to Arolla. With W. H. Heaton: *Pigne d'Arolla*, 11/viii; *Col d'Hérens* and *Tête Blanche*, 13/viii; *Gorner-Grat*, 14/viii; *Triftjoch*, 15/viii; *Col du Grand Cornier*, 17/viii. Tour of *Mont Collon*; *Aiguille de la Za*; also, without guides, *Rousette*; *Ghysa*; *Col de Collon*; *Pointe de Vouasson*. Then (after 5 weeks) spent a fortnight alone, in September, making solitary rambles, *Zinereffian Rocks*, *Dent de Veisivi*, &c.

In this year he made his first 'Guide to Arolla', adding to the records found in the Visitors' Book many accounts of easy expeditions, the fruits for the most part of solitary walks.

1884. With Heaton, *Triftjoch* and *Col Durand*. 3rd visit to Arolla: *Dent Perroc*, 3/ix ('Guide', p. 127); attempt on *Mont Blanc de Seilon*, 11/ix ('Guide', pp. 49–50); left by the *Cols de Seilon* and *Mont Rouge*, 13/ix ('Guide', p. 56).

Made a 2nd ed. of the 'Guide to Arolla'.

1885. With W. H. Heaton, *Wilde Freiger*, *Wildspitze*, *Hintere*

Schwarze, *Similaun*, *Weisskugel*, *Ramolkogl*, *Ortler Spitze*, and *Königsspitze*; *Tuckettjoch*; *Monte Tresero* and *Monte Cevedale*; walked viâ the Val Viola, Bernina, and Maloja passes to the Italian lakes. Larden returned to Switzerland by the Monte Moro pass; finished up at Arolla (4th visit) and ascended *Mont Brulé*, 9/ix ('Guide', pp. 91–2).

1886. *Laquinhorn*; *Allalinhorn*; *Nadelhorn*; *Adler* pass and *Strahlhorn*, 16/viii; *Weissmies*; *Ried* pass; *Fee* pass (the last 3 with A. Macnamara); *Mittaghorn–Egginerhorn* arête (xvi. 239); and *Portiengrat* (his 'first good rock climb').

1887. Visited the *Jardin* alone, 28/vii. With W. H. Heaton, *Aiguille de Blaitière*; *Pic du Tacul*, 6/viii; *Col du Géant*, 8/viii; *Col des Maisons Blanches* and *Grand Combin*, 11/viii; *Cols de Mont Rouge* and *de Seilon*, ascending the *Ruinette*, 13/viii, to Arolla (5th visit); ascent of the *Dent des Bouquetins*, 4th ascent, 16/viii (xiii. 530). *Aiguille de la Za* (guideless), with H. Fox, E. Hopkinson, C. H. Powell, and W. C. Slingsby (xiii. 454, xiv. 84). With Heaton traversed *Mont Collon*, reversing A. Barran's 1883 route ('Guide', pp. 80–1); *Cols de Mont Brulé* and *de Valpelline*, 26/viii ('Guide', p. 93); *Adler* pass and *Egginerjoch*, with ascent of the *Strahlhorn*, to Saas Fee, 28/viii; guideless ascents of the *Nadelhorn* and the *Alphubel* with Heaton and H. G. Gotch (who led the party).

He wrote a paper, 'Rambling Reminiscences of Arolla', xiii. 446, on his experiences in 1882–7, partly reproduced in his 'Recollections' (see below, 1911).

1888–9. Paid a visit of 6–7 months to his brother's estancia in Argentina.

1889. Aug.–26 Sept., *Cols de Bricolla* and *de l'Allée*; *Triftjoch*, without guides, with Rev. A. G. Girdlestone; *Allalin* pass and *Egginerjoch*, with H. W. Topham only, 3/ix; ascent of *Ried* pass, traverse of *Ulrichshorn* and descent by *Windjoch*; and other guideless climbs, including the *Allalinhorn* and *Nadelhorn*. Autumn at Les Avants. Dec.–Jan. 1890: did a cure with Pastor Kneipp at Wörishofen in Bavaria. Jan.–March: in the Engadine; made solitary ascents of *Piz Languard*, *Piz Surlei*, *Piz Ot* (29/iii), &c.

1891. Visited Gadmen, Eugstlen Alp, Stein, and Adelboden, where he ascended the *Lohner* alone; 1st visit to Binn: *Helsenhorn* by a partly new route from the Ritter pass (Lepontine C.G.,

p. 21); *Cherbadung* and 1st ascent of the *Schwarzhorn*, 8/vii (Lepontine C.G., p. 30; S.A.C.J. xxvii. 349); traversed the *Hüllehorn* (3rd ascent, by a partly new route), 10/vii (S.A.C.J. xxviii. 102–3; R.M. 1899, p. 127), reached Chanrion after an adventurous day, 11/vii; ascended *Mont Avril*; and the *Pic d'Otemma*. (Paper, 'Chanrion and other places; an Early Holiday', xv. 532.)

1892. *Schönbichlerjoch*, 15/vi; *Feldkopf*, 16/vi; *Gross Greiner*, 18/vi; *Pfitscherjoch*, 22/vi. With T. Brushfield, *Monte Tofana*; *Monte Cristallo*; *Monte Pelmo*, 1/vii; *Gross Glockner*, 6/vii; *Ortler Spitze*, 9/vii; *Monte Cevedale*, 11/vii; also ascended the *Vertain Spitze*, 13/vii; *Schöntaufspitze*, 14/vii; *Ortler Spitze* by the *Hintergrat*, 16/vii. (Paper, 'Tyrol; June–July, 1892', xvi. 237.)

1893. 2nd visit to Binn; 1st ascent of the S. peak of *Pizzo Fizzo*, 17/vi (xvii. 45). With W. A. B. Coolidge, new route up the *Ofenhorn*, 19/vi; *Kriegalp* pass, 22/vi; 2nd ascent from the Italian side, by a new route, of *Cherbadung*, 24/vi; 1st ascent from the Ritter pass of the *Hüllehorn*, 26/vi (xvii. 46–7; R.M. 1899, p. 127).

Riffelhorn, 29/vi; *Breithorn*, 30/vi; *Monte Rosa*, 1/vii; attempt on the *Ober-Gabelhorn*, 7/vii; *Matterhorn*, 10/vii; *Mischabeljoch*, 13/vii ('Echo', 1893, pp. 284–5, 373).

1894. With W. A. B. Coolidge, *Weisse Frau*, 26/vi; *Balmhorn*, 28/vi; *Tschingellochtighorn*, 30/vi; *Hockenhorn* traversed, 2/vii; *Beich* pass, 4/vii; *Aletschhorn* (1st recorded ascent by the W. arête), 5/vii (xvii. 258); *Gross Fusshorn*, 7/vii.

Jungfrau, 16/vii; *Finsteraarhorn*, 17/vii.

1895. 3rd visit to Binn: with R. Corry, *Unter Schienhorn*, 19/vi; *Kriegalp* pass, 21/vi; *Scatta Minojo*, 22/vi; *Ofenhorn* traversed, 23/vi; *Gross* and *Klein Schienhorn* (3rd ascent of the latter), 25/vi; *Mönch* and *Jungfrau*, 28/vi; *Kamm* (see Bernese C.G. ii. 23), 29/vi; *Aiguilles des Charmoz*, 6/vii; *Col* and *Dent du Géant*, 7 and 8/vii; *Mont Blanc* traversed from the Dôme Hut, 10/vii; *Petit Charmoz*, without guides, 14/vii; attempt on the *Petit Dru*, 15/vii; with Corry and A. Holmes, S. and Central summits of the *Aiguille de Blaitière*, 17/vii (Ö.A.Z. 1895, p. 243).

1896. *Altels*; *Blümlisalphorn*; *Morgenhorn*; *Wilde Frau*; *Klein Lohner*, 24/vi; *Petersgrat*, 26/vi; *Beich* pass, 28/vi. With R. Corry, *Trifthorn*; *Unter Gabelhorn*; *Alphubeljoch*; *Ried* pass;

Riffelhorn by the 'Matterhorn' couloir; *Nord-End*; *Rothorn* traversed.

1897. 6th visit to Arolla. With R. W. Brant and R. Corry, without guides: *Aiguille de la Za*; traverse of the S. and Central summits of the *Aiguilles Rouges d'Arolla*, 26/vi ('Guide', p. 50); traverse of W. summit of the *Petite Dent de Veisivi*, 28/vi ('Guide', p. 37); *Pigne d'Arolla*; *Dent Perroc*; *Mont Collon*; traversed *Grand Combin* and *Col des Maisons Blanches*; *Col d'Argentière*. Larden and Corry traversed *Les Périades* and made a 2nd attempt on the *Petit Dru*.

1898. 4th visit to Binn. With R. W. Brant, R. Corry, and J. G. Cockin, without guides, *Pizzo Fizzo*; *Wellenkuppe* (attempts on several other peaks were baffled by bad weather). With Cockin, *Cols d'Hérens* and *de Bertol* to Arolla (7th visit); *Dent des Bouquetins*; *Pas de Chèvres* and *Col de Mont Rouge* to Chanrion, *Col de Chermontane*.

1899. Reached Switzerland in April. Began his collection of Chalet Inscriptions (see below). With J. G. Cockin and R. W. Brant, without guides, *Fuorcla Fex Scerscen* and *Fuorcla Sella*; and *Piz Fora*; *Monte della Disgrazia*, with F. W. Newmarch; *Piz Morteratsch*, with all three.

1900. *Punta Biola*; *Tout Blanc*; *Col du Grand Étret*; *Grand Paradis*; *N. Col de l'Herbetet*; *Col d'Oren* to Arolla (8th visit); *Mont Blanc de Seilon* traversed, all with T. Brushfield. Traverses of the *Petite Dent de Veisivi*; the three *Aiguilles Rouges d'Arolla*, 13/vii ('Guide', p. 50); and the *Aiguille de la Za*.

1901. 5th visit to Binn. Repeated the *Kriegalp* pass–*Scatta Minojo–Ofenhorn* round, 15–17/vi. *Weisshorn*; traversed the *Rothorn*. 9th visit to Arolla. Traversed the *Petite Dent de Veisivi* alone ('Guide', p. 37). *Cols de Seilon*; *des Maisons Blanches* (ascending *Grand Combin*); and *Argentière*, with M. L. Hepburn. *Aiguille Verte*; *Petit Dru*.

1902. Arrived in Switzerland end of May. 6th visit to Binn. Arrived, 12/vi; ascended *Cherbadung*; the *Helsenhorn*; and the *Hüllehorn*; and repeated the *Kriegalp* pass–*Scatta Minojo–Ofenhorn* round alone. 10th visit to Arolla. With M. L. Hepburn and R. P. Cockburn, without guides, traversed *Mont Blanc de Seilon*, 12/vii ('Guide', pp. 60–1); and crossed the *Cols de Bertol* and *d'Hérens*; *Adler* pass and *Egginerjoch*; *Alphubeljoch*; and *Cols de Valpelline* and *de Mont Brulé*. Also traversed the *Petite*

Dent de Veisivi and *Mont Collon*; ascended the *Aiguille de la Za* with Cockburn; and the *Aiguilles Rouges d'Arolla* with G. A. Solly ('Guide', pp. 51–2).

For the next five expeditions see L. S. Powell. *Wilde Frau*; *Blümlisalphorn*; *Balmhorn*, all with Leslie Scott.

Returned to Binn and made several solitary expeditions (*Pizzo Fizzo, Rothorn, N. Grampielhorn*; *Ritter* pass; *Passo di Valtendra, Hohsandhorn* traversed, and others; *Saflisch* pass, 30/ix). Ascended the *Dent du Midi*, 25/x, *Dent de Bonaveau*, and *les Hautsforts* alone. Stayed in Switzerland till Feb. 1903.

1903. See L. S. Powell for the first part of the season. With Valentine Richards, *Piz Scharboden* and *Garzura* pass; *Rheinwaldhorn*; *Fanella* pass and *-horn*; *Kirchalplücke* and *-horn*; *Piz Tambo*. 1903–4. Began ski-ing at Davos.

1904. At Binn (8th visit) and Arolla (11th visit). *Aiguille de la Za*; *Cols de Mont Brulé* and *de Valpelline*; *Adler* pass; *Zwischbergenjoch*; *Monte Leone*.

1905. Arolla (12th visit). With T. Brushfield and R. P. Cockburn, without guides, traversed the *Petite Dent de Veisivi*; *Mont Collon*; *Mont Blanc de Seilon*, 14/viii ('Guide', p. 61); and the *Aiguille de la Za*, 19/viii ('Guide', p. 117). Also traversed the *Doves Blanches*; ascended the *Petit Mont Collon*, 1/ix ('Guide', p. 72); the *Dom* and the *Dent Blanche*.

1906. Binn (9th visit). *Kriegalp* pass, 7/viii; *Scatta Minojo* and *Bocchetta di Gallo*, 8/viii; *Hohsandhorn* traversed, 10/viii, with A. C. Downer; *Mönchjoch*, 20/viii; ascended the *Wetterhorn*, 23/viii; the *Schreckhorn*, 24/viii; traversed the *Finsteraarhorn*, 27/viii; crossed the *Lötschenlücke*, 28/viii; traversed the *Bietschhorn*, 30/viii; the *Matterhorn*, 1/ix; ascended the *Lyskamm*, 3/ix; traversed the *Gabelhorn*, 5/ix.

1907. Binn (10th visit). Later made a guideless ascent of the *Tour Noir* with R. P. Hope, 26/viii; with L. S. Powell, without guides, *Col de Valsorey*, 31/viii; *Aiguille du Tour*, 5/ix; *Grande Fourche*, 7/ix; *Petit Darrei*, 10/ix; *Portalet* traversed, 11/ix.

Visited the *Col des Écandies*, 19/ix; and ascended the *Aiguille du Tour*, 21/ix, alone. Ascended the *Tête Biselx* and *Aiguille Javelle*, 23/ix.

Stayed on in Switzerland till Feb. 1908 and did much ski-ing, at Adelboden, Grindelwald, &c.; traversed the *Wildstrubel*, 20/i; and *Wildhorn*, 21/i, on ski (Alpine Ski Club Annual, 1908, p. 17).

1909–10. Ski-ing. Broke his ankle descending the *Diablerets*, 4/i (Alpine Ski Club Ann. 1910, p. 49).

1910–11. At Cortina Dec.–28 Feb. Paper 'Mountains, Ski-ing and Cortina', Alp. Ski Club Ann. 1911, p. 29.

1911–13. At Cortina 22 Dec.–18 Jan.; Kitzbühel. Wrote 'Notes on the Winter 1911–1912', Alp. Ski Club Ann. 1912, p. 26, and a paper, 'Some Hints for Middle-aged Beginners', ibid. 1912, p. 22.

See Records of Expeditions.

Edward Downes Law, *see* Lord Ellenborough

Charles Edwin Layton

(Dec. 1877, d.m. 1908)

Born 1842 or 43. Son of Charles Layton of Upper Hornsey Rise. Brother of E. J. Layton (q.v.).

Married 1889 Rachel, widow of William Waud and d. of Joseph Hill, both of Bradford, Yorks.

Educated City of London School; Associate of King's College, London.

Partner in the firm of C. & E. Layton, actuarial publishers and printers, London (publishers for 75 years of the Journal of the Institute of Actuaries); retired 1897. Member of the Court of Assistants of the Stationers' Company and of the Haberdashers' Company. Trustee of the Stationers' Mutual Benefit Society. V.P. of Booksellers' Provident Institution. Founder of the C. E. Layton Fund of the Printers' Pension Corporation.

A Director of the old New River Company. On the Council of the Royal Botanical Society. For many years a member of the Board of King's College Hospital.

Died 29 April 1908.

Q. Alpine.

Original Member of the Climbers' Club.

1878. *Matterhorn*, with C. J. Thompson, 12/ix.

1883. Made a partly new ascent of the *Balenfirnhorn* (*Balfrinhorn*), 18/ix (note by him, xi. 414–15).

Edwin J. Layton

(Dec. 1877)

Born 1850. Brother of C. E. Layton.

Married 1883 Emma Minnie, d. of Richard Townsley of Leeds.

Educated Morden Hall, Surrey.

Partner, formerly with C. E. Layton (q.v.), in the firm of C. & E. Layton, publishers and printers, London.

Master of the Stationers' Company 1919–20; a Governor of the Stationers' School.

Late a member of the Executive Board (Treasurer and Almoner) of St. Bartholomew's Hospital; of the Council of the St. Bartholomew's Medical College; and of the Board of the Royal National Hospital for Consumption, Ventnor.

F.R.A.S. Member of the Burlington Fine Arts Club. Part author of 'A Glossary of English Furniture of the Historic Periods'.

Q. Alpine.

Robert Fraser Calder Leith

(Dec. 1889)

Son of R. C. Leith.

Educated Edinburgh University; M.A. (Honours) 1882; B.Sc., 1883. Began to study for the Scottish Bar, but before being called gave up the law for medicine; studied at Edinburgh (Vans Dunlop Scholar; President of the Students' Representative Council; M.B. and C.M., with 1st Class Honours, 1885), Paris, and London. M.R.C.S. Edinburgh, 1891; F.R.C.P., 1892.

Remained at Edinburgh till 1899. While there became Lecturer in Pathology to the Extra-Mural School of Medicine (1892), Clinical Tutor (1891), Pathologist (1892), and Assistant Surgeon (1897) to the Royal Infirmary; Honorary Secretary for Scotland for the Royal British Nurses' Association, and President of the Royal Medical Society. Was Examiner in Natural History (1887), and Pathology (1893) to Glasgow University; and in Pathology to the Royal College of Physicians and Surgeons (1894).

Q. Alps 1886, 88, 89.

1889. Discovered a new route up the *Aiguille du Moine* with R. A. Robertson, 3/viii (xv. 78, 297).

Hugo Leupold

(May 1882)

Q. Alpine.

1880. *Claridengrat*; *Tödi*; *Glärnisch* (*Bächlistock*), with C. E. Mathews (U. Almer).

Rawdon Levett

(Dec. 1880, resigned 1896)

Born *c.* 1845. Son of Benjamin Levett, of Kingston-upon-Hull.

Educated Pocklington School and St. John's College, Cambridge (Scholar ?). 11th Wrangler, 1865.

For a time Assistant Master at Beaumaris School; Senior Mathematical Master at King Edward's School, Birmingham, 1869–1903; 2nd Master from 1891; retired in 1903 for reasons of health and lived quietly at Colwyn Bay. Author of several works on Mathematics, of which the most important was 'The Elements of Plane Trigonometry', written in collaboration with Dr. Charles Davison. He was extraordinarily successful as a teacher, and widely known for 'the fertility of the ideas by which he initiated the reform of mathematical education in English public schools'. The abolition of Euclid was mainly due to the influence he wielded as a member of the Association for the Improvement of Geometrical Teaching, and its successor the Mathematical Association. He was V.P. of the latter body.

Left the bulk of his property to the Governors of King Edward's School for the benefit of the Boys' High School.

Died unmarried 1 Feb. 1923, in his 78th year. (The Times.)

Q. Alpine.

William Little

(Dec. 1878, d.m. 1922)

Born 3 May 1848, Manchester. Son of Francis Little of Manchester.

Educated Manchester Grammar School and Corpus Christi College, Oxford; 2nd Class in Classical Moderations, 1869; 2nd Class in Literae Humaniores, 1871.

Fellow of Corpus Christi College, 1871–1922. Tutor and Lecturer, 1871–83. Librarian, 1874. Dean, 1874. Vice-President, 1883. Proctor, 1879.

Barrister (Lincoln's Inn), 1884. Left Oxford 1885, intending to practise as a conveyancer, but the deafness from which he had always suffered grew suddenly worse, and, after an operation from which he barely escaped with his life, became, about 1887, total. He retired to Lelant, Cornwall, where he spent the rest of his life cut off from the world. Part of his time was occupied in editing the smaller edition of the 'New English Dictionary', a piece of work suggested to him by C. Cannan (q.v.), an old pupil.

Died unmarried 14 January 1922. (The Times.)

Q. Alpine.

1876. 1st ascent of the *Gross Fusshorn*, 21/ix (xiii. 268, xix. 316).

1879 (?) *Schreckhorn* attempt, 21/vii ; *Strahlegg* ; *Lauteraarjoch* ; *Eiger*, 30/vii (N.A.P. x. 47, 50).

Robert Lord

(Feb. 1880, d.m. 1909)

Born 1855 or 56. Son of Robert Henry Lord, J.P. of Broomfield, Bolton, Lancashire.

Married 1884 Alice Maude, d. of Joseph Lee Cannon of Sharples, near Bolton.

Manufacturer, Bolton. Member of the firm of Lord, Hampson & Lord, cotton-spinners.

Colonel of Volunteers, V.D.

Leader of the Unionist party in Bolton.

Died 29 April 1909, aged 53.

Q. Alps 1877 and 79.

1879 *Eiger*, 12/vii (N.A.P. x. 24) ; *Matterhorn*, 1/viii (xxx. 183).

August Lorria

(Dec. 1885, resigned 1896)

Q. Alpine.

Member of S.A.C., Section Basel ; C.A.I., Section Milan ; D.Ö.A.V., Section Austria (C., v/1887–viii/1888) ; C.A.F.

1884. Made an ascent of the *Gross Venediger* from the Untersulzbach glacier, 23/vii (Z.A.V. xviii. 328); the 1st passage of the *Niedere Dachsteinscharte*, 4/ix (M.A.V. 1884, p. 331; 1885, p. 23 note); and the 2nd guideless ascent of the *Torstein*, 13/ix (E. i. 334; he read a paper before Section Austria on the expedition, reprinted in Der Tourist, 1886, p. 81); all with Dr. Guido Lammer.

1885. Visited the Simony Hut alone, 5/iv (M.A.V. 1885, p. 100); made a new descent of the *Herzog Ernst*, 10/v (E. iii. 247); probable 1st ascent by a traveller of the *Ritterkopf*, 14/v (E. iii. 246); the 2nd ascent by the E. arête of the *Sonnblick* and 1st recorded ascent of the *Goldbergspitze*, 13/vi (E. iii. 246; Z.A.V. 1902, p. 266); a traverse of the *Hochnarr*, 15/vi (M.A.V. 1885, p. 195; *not* new, see E. iii. 245). See M.A.V. 1885, pp. 164, 175, 259, and 'Notes on Nomenclature of Goldberg Group', M.A.V. 1885, p. 194; 1886, p. 127. See on all these expeditions, Z.A.V. 1902, pp. 259–75.

Made the following expeditions with G. Lammer alone: *Jungfrau*, 25/vii (M.A.V. 1885, p. 184); 1st ascent of the *Hinter Viescherhorn*, *Gross Viescherhorn*, 28/vii; attempt on *Gross Lauteraarhorn* by the Strahlegg-grat, 2/viii (paper by Lammer, Tourist, 1889, pp. 1 and 9); attempts on *Schreckhorn*, 31/vii and 6/viii, M.A.V. 1885, p. 222; *Schreckhorn*, 1st descent by the NW. ridge, 11/viii (xiii. 188); 1st ascent of the *Klein Grünhorn*, 13/viii; *Mönch*, 2nd ascent by G. E. Foster's 1877 route, 14/viii (Studer, i. 203; paper by Lammer, Ö.A.Z. viii, p. 37; cf. p. 45); 1st ascent of *Kamm*, 17/viii; *Finsteraarhorn*, 2nd guideless ascent, 18/viii (Studer, i. 118); *Dent Blanche*, in a snowstorm, 22/viii (xii. 421, 424); read a paper to Austria Section on Dent Blanche, 4/xi (M.A.V. 1885, p. 275); he wrote a paper on the 'Three New Ascents in the Bernese Oberland without Guides', xiii. 378; see also Lammer, M.A.V. 1886, pp. 5–9; Ö.A.Z. 1885, pp. 197, 219–21; 1886, pp. 37, 45; and M.A.V. 1885, pp. 257–8, 271.

1886. *Sonnblick*, by moonlight, 20/iii (paper, Tourist, 1887, p. 77); *Windischkopf*, 29/iii (M.A.V. 1886, p. 115); *Windischscharte*, 8/iv; kept in the Hoffmannshütte by a storm, 9–11/iv; crossed the *Bockkarscharte*, 12/iv (E. iii. 199; paper, Tourist, 1886, p. 177); *Allalinhorn* and *Fee* pass, 19/vii; *Gassenried* pass; and *Nadelhorn* (partly new ascent, E. Pennine C.G. p. 111), 20/vii (paper, Tourist, 1888, pp. 49, 96, 105); 1st ascent of the *Adlerhorn*, a shoulder on the SW. arête of the Strahlhorn, with C. C.

Branch, 26/vii (xiii. 173 ; M.A.V. 1886, p. 213) ; 1st complete ascent of the SW. arête of the *Hohberghorn*, 30/vii (xiii. 172 ; he wrote a paper on this expedition, xiii. 524) ; 1st ascents of the *Galenhorn*, 6/viii, and *Klein Dürrenhorn*, 7/viii (xiii. 172) ; *Balfrinhorn* and *Galenjoch* ; the last 5 expeditions were guideless. Was caught on the top of the *Nord End* with F. O. Schuster by the great snowstorm of 17/viii and rescued a party retreating from Monte Rosa (xiii. 177 ; Larden, p. 58). Made a partly new descent of the *Dent d'Hérens*, returning by the *Tiefenmattenjoch*, 7/ix (xiii. 173 ; he wrote a paper on the expedition, S.A.C.J. xxiii. 19) ; *Lyskamm*, with J. Heelis, 16/ix (paper, Ö.A.Z. ix. 89, 101) ; new ascent by S. ridge of *Tiefenstock*, 25/ix (xiii. 171 ; S.A.C.J. xxii. 319–20 ; Urner Alpin Club Führer, ii. 82) ; *Galenstock* ; made a guideless ascent of the *Zwölferkofel*, 4/x (Ö.A.Z. 1886, p. 259 ; he wrote an account of this expedition in Levasseur, p. 385 ; and see E. iii. 521), and the 2nd ascent, by E. R. Whitwell's route (there had been one descent by this route), of the *Croda Rossa*, 8/x (xiii. 263 ; E. iii. 495 ; he wrote a paper on the expedition, S.A.C.J. xxiv. 233).

Complete lists of his expeditions are given, Austria Section Report, 1887 ; S.A.C.J. xxii. 509. The *Rothorn*, *Matterhorn*, *Gabelhorn*, *Wellenkuppe*, *Rimpfischhorn* (traversed from *Adler* pass), *Dent d'Hérens*, and *Weisshorn* were ascended between 28/viii and 10/ix (Ö.A.Z. 1887, p. 89 ; paper to Austria Section on Dent d'Hérens, 17/ x ; M.A.V. 1887, p. 10).

Took a prominent part in an informal inquiry held by some climbers at Zermatt into the circumstances of the death of Burckhardt on the Matterhorn, 12/viii. His verdict is given in full in the Swiss Official Report on the subject, drawn up by Wolff, pp. 33–6 ; see also pp. 24 and 31.

1887. Made the 2nd ascent, by a new route, of the *Dürrenhorn*, 30/vii (M.A.V. 1887, p. 209 ; xiii. 412, 556). For other expeditions see S.A.C.J. xxiii. 655. He was carried away by an avalanche and nearly killed in an attempt (with G. Lammer, guideless) to ascend the *Matterhorn* by W. Penhall's route, 3/viii (xiii. 399 ; Ö.A.Z. ix. 205–7 ; paper by him in the S. Moritz Post and Davos News of 28/i/1888).

Joint editor of ' The Alpine Portfolio ', a collection of photographs of the Pennine Alps from the Simplon and the Great St.

Bernard (1889 ; reviewed M.A.V. 89, p. 79 ; xiv. 521). (A similar project with regard to Bernina district did not materialize, xiv. 517.)

Joint author with E. A. Martel of 'Le Massif de la Bernina' (1894 ; reviewed xviii. 188).

James Arthur Luttman-Johnson

(Dec. 1886, C. 1893–5, d.m. 1904)

Born 1849. Son of Rev. Henry William Robinson Luttman-Johnson and Sarah Elizabeth Fooks.

Educated Winchester (Cricket XI, 1867) and Trinity College, Oxford ; 3rd Class in Classical Moderations, 1870 ; 2nd class in Law and History, 1872.

Solicitor (1875), London.

Died unmarried 17 Sept. 1904. (In Memoriam, by C. H. R. Wollaston, xxii. 372.)

Q. Alps 1882, 84–6.

Member of S.A.C., Section Basel (1892) ; D.Ö.A.V., Section Innsbruck (1898).

1885. *Matterhorn*, with F. C. Mills, 25/viii.

1886. With Mills, *Pigne d'Arolla*, 19/vii ; *Mont Collon*, 21/vii ; 1st traverse of the *Dent Perroc* from Arolla to Ferpècle, making a new descent by the E. face, 22/vii (xiii. 173) ; 1st passage of the *Col de Zarmine*, 24/vii (Pennine C.G. p. 73 ; Arolla C.G. p. 33) ; *Adler* pass, *Strahlhorn*, and 1st passage of the *Hinter-Allalin* pass, 29/vii (xiii. 185 ; E. Pennine C.G. p. 91) ; *Mischabeljoch*, 31/vii ; *Rothorn*, 3/viii.

1889. *Alphubelhorn* traversed ; *Lyskamm*, by E. arête ; with J. E. Bode crossed the *Lysjoch* and traversed the *Zumsteinspitze*, *Ostspitze*, and *Höchstespitze* of *Monte Rosa* from the Gnifetti Hut to the Riffel, a new combination (xv. 223) ; *Trifthorn* ; *Dent Blanche* ; *Cima de Jazzi* and *Neu Weisstor* ; *Egginergrat* ; *Portiengrat* ; *Fletschhorn*.

1892. *Eiger* ; *Wetterhorn* and *Mittelhorn* ; *Strahlegg* pass ; *Gross Grünhorn* ; 2nd ascent of the *Gletscherhorn*, 14/ix (Studer, i. 291) ; 2nd ascent, with a new descent, of *Kamm*, 15/ix (xvi. 461 ; Oberland C.G. ii. 22, 23) ; *Beichgrat* ; *Bietschhorn* traversed (S.A.C.J. xxviii. 462 ; A. Gentinetta).

1894. *Restihorn*; *Majinghorn*; *Ferden-Rothorn*; *Hohgleifen*; 2nd ascent of the *Baltscheider Jägihorn*, 23/vii (xvii. 259; Studer, i. 382 note); *Lauterbrunnen Breithorn*; *Fusshorn*; *Aletschhorn*; *Monte Leone*; *Bortelhorn*; and a new route up the *Hüllehorn*, 11/viii (xvii. 258; R.M. 1899, p. 127; List of Climbs, S.A.C.J. xxx. 455).

1895. *Gross Spannort*; *Titlis*; *Tierberg*; *Sustenhorn* and *-limmi*; *Fleckistock*; *Winterlücke*; *Lochberg*; *Muttenhorn*; *Galenstock*; *Dammastock*; 1st ascent of the *Gross Siedelhorn*, 8/viii (Bernese C.G. iv, i. 39); and 1st ascent and traverse of the Central (highest) summit of the *Hinter Gelmerhörner*, 13/viii (ibid. pp. 11–12) (S.A.C.J. xxxi. 464).

1896. 1st ascent and traverse of the S. summit of the *Hinter Gelmerhörner*, 26/vii (Bernese C.G. iv, i. 110–11); N. (highest) summit of the *Gersterhörner*, 1/viii (ibid. p. 6), 1st ascent of the *Klein Siedelhorn*, 6/viii (ibid. p. 38).

He made elaborate notes, continued to the end of 1897, of the entire district, included in vol. iv of the Bernese C.G., which were largely used by Dr. Dübi in preparing that work (see preface, viii–ix), and assisted in the revision of the 25th (Titlis District) Section in the new edition of the Alpine Guide to the Central Alps.

Claude Augustus Macdonald

(April 1890, C. 1915)

Born March 1859. Son of C. C. Macdonald of Queensland.

Married 1898 Ethel, d. of W. Henry Greene of Melbourne, Commissioner for Railways.

Educated Harrow (Football XI, 1878).

Sheep farmer, Wantabadgery, Wagga Wagga, New South Wales. Wantabadgery is mentioned in Archibald Campbell's 'Sunny Australia', pp. 71 and 82, and Macdonald's encounter there with the bushranger Captain Moonlight, shortly before his trial and execution in 1884, is described ibid. 168–73.

Q. Alps 1884–6, 88–9; New Zealand, glacier expeditions, 1888.

1890. 1st *descent* of the *Schreckhorn* to the Lauteraarsattel, 25/vii; he described it in a note, with some remarks on an ascent of the *Dom* by P. W. Thomas's route, and an ascent (in 1889) of the *Dent Blanche*, xv. 370.

1895. 1st (and only) ascent of the *Ebnefluh* by the N. face, 2/viii (xviii. 45 ; Studer, i. 318) ; *Lauitor* ; repeated F. T. Wethered's traverse of the *Mönch* from the Jungfraujoch to the Wengern Alp, 10/viii (xviii. 55 ; Studer, i. 207, 319 note).

1898. *Klein Schreckhorn*, 1st ascent by the NW. arête, 17/viii (xix. 252, 325–6) ; 1st ascent of the *Simmelistock*, 20/viii (xix. 257 ; paper, xix. 325–30).

1903. New Zealand : had ' A Month's Holiday in the Mount Cook District ', on which he wrote a paper, xxi. 475. (Two attempts on *Mount Cook*, 15 and 21/ii, were defeated by bad weather or fresh snow.)

1905. *Finsteraarhorn* traversed, 11/ix (ascent by J. P Farrar's 1883 route, descent by NW. arête and Agassizjoch ; note by him, xxiii. 339).

1909. 5th ascent and 2nd traverse (by a new descent) of *Mt Sealey*, 2/ii ; 1st passage of *Green's Saddle*, 19/ii ; 1st ascent of *Coronet Peak* (after an attempt on Mt Green), 25/ii ; 3rd ascent and 1st traverse of *Maltebrun*, 26/ii (' Jubilee History of S. Canterbury ', pp. 680, 692, 700, 705).

Arthur Macnamara

(Feb. 1888, d.m. 1890)

Born 24 April 1861, Eccleshall, Sheffield. Son of John Macnamara of Brighton and Sarah, d. of Edward Naylor Vicars of Tapton Hall, Sheffield.

Educated Harrow (the Macnamara Prize for English Essay was founded in his memory) and Trinity College, Cambridge (Foundation Scholar ?) ; 1st Class, Division I, in the Classical Tripos, Part I, 1882 ; 2nd Class in the Classical Tripos, Part II, and Honourably mentioned for the Chancellor's Medals, 1883.

Barrister, 1886.

Died unmarried 16 Aug. 1890 (see below). (The Times ; In Memoriam, xv. 283, by G. S. Barnes.)

Q. Alps 1884, 6, 7.

1886. See W. Larden.

1887. With W. C. Slingsby and H. W. Topham, 1st ascent (and traverse) of the S. peak of the *Aiguilles Rouges d'Arolla*, 3/ix (xiii. 411, xiv. 84) ; with the same and G. S. Barnes, 1st

ascent of the *Dent de Satarma* (Arolla C.G., p. 16) ; and with Topham, 1st ascent by the E. arête of *Mont Blanc de Seilon*, 7/ix (xiii. 411).

1890. Killed while returning from a guideless ascent of the *Düssistock* with T. Cornish, 16/viii (xv. 275 ; Schw. Alp. Ztg. viii. 178).

Jean Maître

(Feb. 1888, d.m. 1927)

Mining engineer.

Q. Alps 1882, 3, 5, 7 ; Norway 1883.

Member of C.A.F., Paris Section, 1882 ; S.T.D., 1893 or 94.

1886. *Col de la Lauze*, with H. Duhamel and many others, 17/viii ; present at the S.T.D. Fête at La Bérarde, 18/viii, reached the *Col d'Étret*, was driven back by fog from the *Sommet des Rouies*, 19/viii ; *Col des Écrins* (prevented by an accident to a guide from attempting the Barre des Écrins), 21/viii ; attempt on *Pic de Neige Cordier*, which resulted in the 1st ascent of *Pic du Glacier Blanc*, which was traversed from the Refuge Tuckett to La Grave, 23/viii (see Dauphiné C.G. pp. 50–1 ; full Dauphiné Itin. in S.T.D. Ann. 1886, p. 94) ; *Dent Parrachée*, new route by E. face, 27/viii (Rev. Alp. xi. 276). Paper, C.A.F. Ann. 1886, pp. 686–92.

1887. *Col du Sellar*, 15/vii ; 1st complete traverse of all three summits of *Pic d'Olan*, 16/vii (La Montagne, 1908, p. 196) ; *Le Plaret*, 19/vii ; *Col* and *Tête des Fétoules*, 21/vii ; 3rd traverse of *Aiguille du Plat*, 23/vii ; *Meije*, 14th ascent, 25–6/vii ; *Brèche Giraud Lézin*, and 1st ascent of N. summit (Pic Maître) of the *Grande Ruine*, 29/vii ; attempt on the S. *Aiguille d'Arves*, resulting in a new ascent from the NW. of the *Pointe Salvador*, 30/vii (Dauphiné C.G. p. 180 ; S.T.D. Ann. p. 46 ; xiii. 404 ; full Dauphiné Itin. in S.T.D. Ann. 1887, p. 68). *Matterhorn* (from Breuil and back), 6/viii ; *Piz Bernina*, by the Scharte, 10/viii. *Turwieserjoch* and *-spitze*, 13/viii ; *Gross Glockner* and *Pfandlscharte*, 15/viii. A paper, C.A.F. Ann. 1887, pp. 159–81.

1888. Attempt on W. face of the *Ailefroide*, 23/vii (xiv. 480 ; Dauphiné C.G. p. 89 ; Rev. Alp. Dauph. i. 232) ; *Barre des Écrins*, 45th ascent, and 1st ascent of the *Pointe de Pié Bérarde*, 27/vii (Dauphiné C.G. p. 75) ; 1st ascent of the *Pic de Roche Fendue*, alone, 30/vii (Dauphiné C.G. p. 196).

Rev. Henry William Majendie

(Feb. 1879, resigned 1899)

Born 12 Feb. 1840, Heddington, Wilts. Son of Rev. George John Majendie, Rector of Heddington, and Susan Maria, widow of Rev. John Thomas Du Boulay, also of Heddington, and d. of Seth Ward of Camberwell.

Married 1878 Alice, d. of William Adair Bruce, of Box, Wilts.

Educated Winchester and Exeter College, Oxford ; B.A., 1863.

Student at the Inner Temple, 1864.

H.O., 1866. Curate of Cropredy, Oxfordshire, 1866–9; Steeple Aston, 1869–71 ; St. John's, Torquay, 1871–5, and 1881–3.

Vicar of Holy Trinity, Barnstaple, 1875–81. Vicar of Tor Mohun (the Parish Church), Torquay, 1884–1900. Rural Dean of Ipplepen, 1885–9. Vicar of Ilsham, Torquay, 1904–12. Prebendary of Exeter Cathedral, 1907–22.

Died 13 Dec. 1923. (Who's Who.)

Q. Alpine.

Original Member of the Climbers' Club.

1880. Jungfrau (U. Almer). With R. L. Harrison had an extraordinary escape on the *Gabelhorn*, 14/viii. His account of the incident is given in Pioneers, p. 138.

1883. *Weissmies* ; *Matterhorn* (twice) ; *Mischabeljoch*, with H. M. Patch (U. Almer).

Sir George Henry Makins, G.C.M.G.

(Dec. 1888)

Born 3rd Nov. 1853. Son of George Hogarth Makins of St. Albans.

Married 1885 Margaret Augusta, widow of Major-General Edward Fellowes and d. of Major-General John Agmondisham Vesey Kirkland, of Fordel, N.B.

Educated Gloucester, St. Thomas's Hospital (M.R.C.S., 1875 ; L.R.C.P., 1876 ; F.R.C.S., 1878), Hall, Vienna.

Served as Surgical Registrar and Resident Assistant Surgeon at St. Thomas's and House Surgeon at the Seamen's Hospital, Greenwich, and was Secretary to the Clinical and Anatomical Societies.

Surgeon to the Great Northern Hospital.

Under Secretary to the International Medical Congress, London, 1881; Treasurer, 1913.

Has also been Examiner in Surgery for the Apothecaries' Society; in Anatomy for the Army and Indian Medical Services for the Conjoint Board, and the Examination for F.R.C.S.

President of Board of Examiners and Member of the Consultative Board for the Naval Medical Service.

Vice-President and Member of the Court of Examiners, Royal College of Surgeons; Member of Council.

Surgeon to St. Thomas's Hospital (formerly Dean of the Medical School and Joint Lecturer in Anatomy and Surgery).

Consulting Surgeon to the Evelina Hospital for Sick Children.

Consulting Surgeon to the South African Field Force, 1899–1900 (mentioned in dispatches, medal, 3 clasps). C.B., 1900. Lieutenant-Colonel 2nd London General Hospital R.A.M.C.

Member of Council of the British Red Cross Society.

Served in the European War, 1914–15 (thrice mentioned in dispatches; K.C.M.G., 1915).

G.C.M.G., 1918. President of Royal College of Surgeons.

Author of 'Surgical Experiences in South Africa, 1899–1906'.

Articles in Heath's 'Dictionary of Surgery', Treves' 'System of Surgery', the 'International Text-book of Surgery'.

Q. Alps 1881, 4, 6–8.

Alexander Marcet

(Dec. 1881, d.m. 1903)

Born 3 Jan. 1859. Son of W. Marcet and Constance Louise Rigaud.

Married 1883 Albertine Adèle, d. of Henri de Saussure of the Creux de Genthod, Geneva.

Educated Marlborough.

Civil engineer, London.

Died 21 March 1903.

Q. Alpine.

1881. *Matterhorn* (see F. Davies).

Arthur Milnes Marshall

(18 Dec. 1889, d.m. 1893)

M.A., M.D., D.Sc., F.R.S. ; Professor of Zoology, Owens College, Manchester ; Fellow of St. John's College, Cambridge.

Q. Alpine.
1893. Killed on Scafell.

Sir Thomas Horatio Marshall

(Feb. 1877, resigned 1888)

Born 3 Jan. 1833. Hartford Beach, Cheshire. Son of Thomas Marshall, barrister, of Hartford Beach, and Agnes Phœbe, d. of Digby Legard of Watton Abbey, Yorks.

Married, 1st, 1857, Laura Anne, d. of Rev. Martin Stapylton, Rector of Barlborough, Derbyshire ; 2nd, 1862, Lucy Martina, d. of Rev. Edward Nugent Bree.

Educated Eton (rowed in the VIII, 1850) and Exeter College, Oxford ; B.A., 1853. Rowed in one of the Oxford VIII's which competed for the Grand Challenge Cup, 1852 ; steered the Oxford VIII which won the Grand Challenge Cup against Cambridge, 1853, and the one which rowed against Cambridge for the Grand Challenge Cup, 1855 ; rowed in the Exeter VIII for the Ladies' Plate, 1856.

Served in the Earl of Chester's Yeomanry Cavalry, 1852–62 ; in the 3rd (Militia) Battalion of the Cheshire Regiment, 1862–88 (Major and Honorary Lieut.-Colonel, 1878) ; in the 3rd Volunteer Battalion of the Cheshire Regiment, 1860–98 (Lieut.-Colonel Commanding, 1865–98. V.D. Honorary Colonel, 1898). C.B., 1892. Knighted, 1906.

J.P. for Cheshire, Anglesey, and Carnarvonshire.

Died 29 March 1917. (Who's Who.)

Q. Alpine.

1856. *Monte Rosa*, 5/ix (xxx. 318).

1876. With E. Clayton (vol. ii), 1st recorded passage of the *Passo di Val di Roda* (a variation of the *Passo di Commelle*), 29/viii (viii. 109 ; E. iii. 431).

Gerald Edward Maude

(Feb. 1880)

Born 12 June 1851. Son of Captain the Hon. Francis Maude, R.N. (son of the 1st Viscount Hawarden), and Georgiana, d. of Gervase Parker Bushe.

Married 1894 Edith Caroline, d. of Major Henry Whitby Briscoe, R.A.

Educated Eton and Corpus Christi College, Oxford ; 3rd Class in Classical Moderations, 1872 ; 2nd Class in History, 1874.

Barrister (Lincoln's Inn), 1876.

Secretary of the Shipwrecked Mariners' Society.

Late Major in the 4th Battalion East Surrey Militia.

Q. Alpine.

1873. Note on ' Circular Rainbows ', xii. 172.

1879. *Matterhorn*, with H. G. Willink, 30/viii.

1886. *Rothorn*, 16/ix (A. Gentinetta).

William Maude

(May 1890, d.m. 1913)

Born 28 March 1853. Son of Thomas James Maude, of Rugby.

Married 1880 Nora Sophy, d. of Rev. James Reynolds Young, Rector of Whitnash.

Educated Rugby.

Solicitor (1875), London.

Died 2 September 1913.

Q. Alps 1886–89.

Original Member of the Climbers' Club.

1891. *Mont Blanc*, by the Dôme glacier and Dôme du Goûter, following a recently discovered improvement on F. A. Y. Browne's route, 14/viii (2nd ascent from Dôme Hut). (Note by him, xv. 554–5 ; R.M. 1891, p. 382.)

Charles Walter Mead

(Feb. 1887)

Born *c.* 1861, Scarborough-on-Hudson, U.S.A. Son of Rev. Edward N. Mead, D.D., Rector of St. Mary's, Beechwood, New York. Brother-in-law of Sir W. Abney (q.v.).

Married 1895 Dorothea Julia, sister of J. E. Koecher and O. J. Koecher (q.v.).

Educated Oxford ; B.A., 1886.

Barrister (Middle Temple), 1888 ; Oxford Circuit.

Died 1895. (In Memoriam notice, Ö.A.Z.)

Q. Alps 1883, 85, 86.

1890. With G. F. Woodroffe, 1st winter ascent of the *Eiger*, 7/i ; and 3rd winter ascent of the *Gross Viescherhorn*, 10/i (xv. 78–9 ; Studer, i. 268).

D. Julius Meurer

(May 1879, resigned 1905)

Born 18 Jan. 1838, Leipzig. Son of August Meurer and Minna Kistner.

Married, 1st, a Parisian lady ; 2nd, *c.* 1875 Jolanka von Stettner, a Hungarian ; 3rd, 1898 Emilie, d. of Hugo Blank of Elberfeld, a very prominent lady-climber.

Educated Leipzig, Real-Schule ; after a practical apprenticeship on various estates in Saxony and Prussian Silesia, studied at the Agricultural Academy at Tharandt, near Dresden, 1855–7. In 1858 visited St. Petersburg and Moscow and travelled in the Baltic provinces of Russia, Finland, and Sweden. Studied jurisprudence at Brussels University in the winter of 1858–9.

1859. Travelled in France ; then by carriage and diligence through Spain to Madrid and across the Sierra Morena to Seville and Cadiz. Returned by sea, visiting Gibraltar, Malaga (whence he went to Granada), and Barcelona, to Marseilles (cf. P. L. Sclater in 1861 ; see vol. i).

In 1860 bought the Manor of Hammer, in the district of Wohlau, Silesia ; managed the property himself, and also engaged in mining work, 1860–3. He sold this place in 1862 and bought the estate of Sellach, near Cilli, in Styria, where he indulged freely his passionate love of sport.

In 1866 took an active part in the formation of the corps of Alpenjäger, and served as an officer in it in the Italian campaign. Later was Oberleutnant in the Landwehrdragoner.

Sold the Sellach property in 1870, and acquired an interest in a colliery at Schwaz, near Teplitz, in Bohemia, which he managed till the end of 1872, when the concern was converted into a joint-

stock company. He remained on the Board of Directors till 1902, but thenceforth resided at Vienna.

For his travels with his 3rd wife see below, 1899–1904.

Died April or May 1924 (xxxv. 161).

Q. Alps and peaks in Spain, Finland, Sweden, and Norway.

A principal founder of the Austrian A.C. Dec. 1878. Reserve Member of Committee, and member of Weg- und Hüttenbau (Ö.A.Z. i. 81) and Library Committees.

P. 1880–7. Editor of Ö.A.Z. 1879–86; Joint Editor, 1887. Joint Editor of Ö.T.Z., 1888; Editor, 1889–91. Joint Editor, 1892, of Ö.T.C.

Member Ö.T.C., 1877; V.P., –/i to 24/x, 1878. Member of D.Ö.A.V., section Austria, *c.* 1875.

As a boy spent his holidays in Saxon Switzerland, Thuringia, and the Riesengebirge, but

1856. Made a long journey through the Alps from E. to W. (Ö.A.Z. 1879, p. 170; 1880, p. 113; Ö.T.Z. 1888, p. 4). (Rigi, Faulhorn, Ütliberg, Dent de Jaman, Flegère, Furka, Grimsel, Gr. and Kl. Scheidegg; visits to Rhone, Aar, Grindelwald, and Bossons glaciers.)

1866. Advanced from Carinthia with his regiment by the Gailtal and Plocken pass to Auronzo, where they defeated a force of Garibaldians, 14/viii. In this way he made acquaintance with the Dolomites.

1873. *Gross Venediger*, 2/viii.

1875. *Monte Pian*, 20/vii; *Dürrenstein*, 24/vii (see 1877); *Gross Glockner*, –/viii.

1876. *Pizot*, 16/vii; *Piz Corvatsch*, 18/vii; *Piz Bernina*, 21/vii (Ö.A.Z. i. 58 note); *Piz Languard*, 26/vii; *Piz Morteratsch*, 30/vii (paper before Austria Section of D.Ö.A.V., reprinted Z.A.V. 1877, p. 75). *Ortlerspitze*, with Frau Meurer (6th ascent by a lady, Ö.T.Z. 1895), 5/viii; *Piz Umbrail*, 8/viii.

1877. 1/vii–13/viii; *Bildstockjoch*; Gurgler Eissee and glacier; *Mutberg*, 6/vii; *Ramoljoch*; *Steinschlagjoch*. Mendel pass, Pinzola; visited the Matterott Alp; ascended *Bocca di Brenta* alone. Went on to Lake Garda and returned to Bozen. *Grasleiten* pass (?) to Vigo di Fassa; Rolle pass; *Passo di Comelle*; *Marmolata* and *Forcella Davedino*, 30/vii (?); *Nuvolau* saddle, 31/vii; *Monte Cristallo*, 4/viii. Kals; Bergertörl; *Pfandlscharte*.

He read a long paper before the Ö.T.C. 24/xi/1877 and 11/i/78, on the Dolomites, describing his military experiences in the eastern Dolomites in 1866, a visit to Schluderbach in 1875, and most of the tour of 1877, Jl. Ö.T.C. 1877, pp. 230–65; full itinerary ibid. 372, which includes a tour through the Salzkammergut, 3–12/ix. Also a paper before Section Austria of D.Ö.A.V. on Val di Genova and Brenta group, M.A.V. 1873, p. 5; see also below, 1886.

1878. With A. de Pallavicini, after 3 days' reconnoitring, 1st ascent of the *Pala di S. Martino*, 23/vi (ix. 48; note by him, ix. 165–7; paper, with an Excursus on 'First Ascents in General', Ö.A.Z. i. 168; see also his paper, 'Zur Ehrenrettung des Sants Siopacs und Archangelo Dimaj', Ö.A.Z. E. iii. 401, 412–13; i. 21); ascended the *Königsspitze* by the usual route, 1/vii; and by a new route viâ the Sulden Grat, 5/vii (notes by him, ix. 167–8; paper, Ö.A.Z. i. 49; E. ii. 115). *Hohe Dachstein*, 8/ix.

1879. Easter, with C. T. Dent visited Kals, and went up the Gadertal to St. Vigil, 11–15/iv (paper, 'Ostern in Tirol', Ö.A.Z. i. 103). *Monte Rosa*, 12/vii; *Furggenjoch*, 7/vii; attempted the *Matterhorn* from Breuil, was turned back by a storm 15 minutes from the summit, 9/vii; *Théodule*, 10/vii; *Monte Rosa*, 13/vii (wrote from Macugnaga, 17/viii, the 1st published account of the Brantschen tragedy (Ö.A.Z. i. 209–11), of which he was not yet fully informed; the narrative of Brantschen's companions in the Neue Alpen-Post is printed with comments ibid. pp. 228–9, and later he wrote a paper, Ö.A.Z. i. 255–65, 266–8, on his own Matterhorn climb, preceded by an elaborate examination of the circumstances of Brantschen's death (see ix. 373), which led to further discussion, Ö.A.Z. i. 292, 303–7, 318.

Col du Géant, with A. de Pallavicini, B. Wagner, and Frau Meurer, –/vii (Ö.A.Z. ii. 63–4); *Mont Blanc*, with Pallavicini and Wagner, 25/vii (Ö.A.Z. i. 192; paper on Mont Blanc: (i) the ascent, (ii) accidents, (iii) the different routes up it, (iv) his own ascent, Ö.A.Z. ii. 113, &c.). Represented Ö.A.C. with Pallavicini at the International Congress of Alpinists, Geneva, 1–3/viii (paper, Ö.A.Z. i. 220, with enthusiastic notes of C. E. Mathew's speech and interesting speculations as to the future of International Congresses). At Christmas was on the Raxalp (paper, Ö.A.Z. ii. 5).

1880. *Hochfeiler*, with B. Wagner, 19/v ; *Pfitscherjoch*, 20/v ; *Tratterjoch*, 23/v (E. iii. 43) ; *Turnerkamp*, 25/v (Ö.A.Z. ii. 161–2, 171–2).

Spent some days in the N. side of the Oberland with his wife ; *Finsteraarhorn* (his only *grande course* ; see Ö.A.Z. 1880, pp. 221–4), 5/viii ; wrote a paper on the *Finsteraarhorn* : (i) his first sight of it (see above, 1856), (ii) his ascent, (iii) topography and earlier ascents, Ö.A.Z. iii. 123, &c.) ; went on to the Italian Lakes, thence viâ Trent and Tione to Pinzolo ; turned back by a snow-storm on the *Adamello*, 14/viii ; thence to Bozen (very full Reise-berichte, Ö.A.Z. ii. 221–4, 239–41) ; finished the season at the opening of the Erzherzog Johann's Hütte on the *Gross Glockner* (which he ascended 18/viii) (Ö.A.Z. ii. 217–221 ; his speech on the occasion is reported p. 218).

1881. Bruneck to Vigo by *Grödnerjoch* and *Sellajoch*, 10–11/iii (xiii. 22–3) ; by Predazzo and *Rolla* (*Ciztonzella*) pass to Primiero, 12–13/iii ; to Borgo in Val Sugana, 14/iii ; to Lavarone and back, and on to Trent, 15/iii ; *Doss Negro* traversed, 17/iii ; to Limona and back, 18–19/iii (paper, ' Winter-Tour nach Süd-Tirol ', Ö.A.Z. iii. 89–93, 103–6). Sterzing to Vent by the Schneeberg Kaindl, Timblerjoch ; and *Ramoljoch*, 23–25/vii ; *Wildspitze* traversed, *Oelgrubenjoch*, 28/vii ; *Weissseejoch*, 29/vii ; *Weiss-kugel* traversed, 1st ascent from Bärenbartjoch (there had been one *descent* by this route, E. ii. 288), 30/vii (Ö.A.Z. 1881, pp. 229–30, 234 ; paper, ' Aus dem Oetzthaler Fernern ', ibid. 1883, p. 1).

Ischgl to Schruns by the *Bielerhöhe*, 3–4/viii (Paper, ' Aus dem Montavon ', Ö.A.Z. 1881, p. 283). Finished the season on the *Scesaplana*, 5/viii (the promised paper on the expedition does not seem to have been written).

1882. *Aperer Pfaff* and partial ascent of *Zuckerhütl*, 2/ii ; *Hohe Burgstall*, 4/iii. *Hochfeiler*, 1st winter ascent, 7/iii (x. 495 ; E. iii. 8) ; *Rosskopf*, 9/iii (Ö.A.Z. 1882, p. 77, and paper, ibid. 274).

Hintere Madatschspitze, *Kleine* and *Grosse Schneeglocke*, *Tuckettspitze* traversed (new combination, E. ii. 145), 19/vii (Ö.A.Z. 1882, p. 197) ; *Ortlerspitze* by Hinterer Grat, 3/viii (ibid. p. 210).

List, Ö.A.Z. 1883, p. 42.

1883. *Geisterspitze*, *Payerspitze*, *Naglerspitze*, *Monte Levrio*, 2/viii (Ö.A.Z. 1883, p. 220 ; notes on Finstermünz pass, Franzens-

höhe, &c., ibid. 223–4, 233). *Cima Tosa* traversed, Molveno to Madonna di Compiglio, 27–28/viii ; *Fürkele Scharte* and *Madritschjoch*, 1/ix (paper, 'Von Trient über die Cima Tosa nach Sulden', Ö.A.Z. 1883, pp. 282, 294). *Monte Cevedale*, 7/ix (stop-gap paper, Ö.A.Z. iv. 63, but his promise to complete his story by an account of the expedition was not fulfilled).

1884. Easter : visit to the Rossatz Section of Ö.A.C. (Ö.A.Z. 1884, p. 113). *Ortlerspitze*, with his daughter, 15/viii. Presided at erection by Ö.A.C. of memorial pillar to Joseph Pichler on the Ortlerspitze, 17/viii (Ö.A.Z. 1884, pp. 235–44 ; speech by J. M., pp. 237–8). Made two attempts on *Thurwieserspitze*, ascending *Grosse* and *Kleine Eiskogel*, 13 and 25/viii (see 1887) ; Riviera di Quarnero and Monte Maggiore (Istria), 1–3/xi (paper, Ö.A.Z. 1885, p. 6).

List, Ö.A.Z. 1885, p. 22.

1885. Visited the Arlberg tunnel region, 12–18/vi. *Olperer*, 7/viii ; *Gross Löffler*, 11/viii (Ö.A.Z. 1885, pp. 255, 275) ; *Parseyerspitze*, 19/ix ; *Fluchthorn*, 22/ix.

Full Reiseberichte for the year, Ö.A.Z. 1885, pp. 244–6. He gave a stop-gap lecture on the Arlberg region and the Parseyerspitze, 11/xii, Ö.A.Z. 1885, p. 309.

1886. Visited England and read a paper before the Club, 6/iv, 'Sketches from the Dolomites', dealing mainly with 1866 and 1877 and the winter of 1881 (xii. 533, xiii. 13–26). Also was present at the General Meeting of C.A.F. in Paris, 14/iv (Ö.A.Z. viii. 128).

Visited the Oberbächertal with H. Köchlin at Whitsuntide, 12–17/vi, to choose a site for the Zsigmondy Hütte (Ö.A.Z. 1886, p. 191). *Hochbrunnerschneide*, 2/viii (4th ascent, Ö.A.Z. 1890, p. 174 ; cf. E. iii. 532). Presided at the opening of the hut, and then with a large party crossed the *Santebühel*, *Oberbächerjoch*, and *Patern* or *Lavaredo Sattel* to Schluderbach, 23/viii. (He wrote a long account of the day's proceedings, Ö.A.Z. 1887, pp. 216–20.) Ascended *Monte Antelao*, 25/viii. Represented Ö.A.C. at the Annual Gathering of D.Ö.A.V. at Rosenheim, 27–28/viii (Ö.A.Z. 1887, p. 223 ; his speech is reported, pp. 224–5).

Full Reiseberichte for the year, Ö.A.Z. 1887, pp. 297–8. Lists of ascents, ibid. 1888, p. 249. He read papers before the Ö.A.C. (not reprinted) on the Fluchthorn (1885) and Monte Antelao.

1887. *Tristner*, 3/iii (E. iii. 73) ; excursion to Zamsergrund,

5/iii ; *Tuxer-* or *Schirmerjoch*, 8/iii ; *Hühnerspiel* or *Amthorspitze*, 10/iii (paper, 'Winter-Tour im Zillerthal', Ö.A.Z. 1887, pp. 113, 125, 137. Revisited Abbazia (Istria), 6–10/v and ascended *Monte Maggiore* (paper, Ö.A.Z. 1887, p. 116).

Thurwieserspitze, 1/viii (paper on this expedition and attempts of 1884, Ö.A.Z. 1887, pp. 238, 248). Full Reiseberichte for the year, Ö.A.Z. 1887, p. 256. List of expeditions, Ö.A.Z. 1888, p. 22. *Gross Wiesbachhorn*, 6/x.

1888. *Presanella*, 20/ix (paper, 'Cima Presanella und Madonna di Campiglio', Ö.T.Z. ix. 1, 13). Took part in Club excursions of Ö.T.C. (1) to Hof and Wildgastein, 23/iii (Ö.T.Z. 1888, p. 98) ; (2) Whitsun, 20–21/v, to Salzkammergut (ibid. 148) ; (3) ascended Gr. Venediger with a party of nearly 60 people, 14/viii (ibid. pp. 206–7). The Venediger part is signed 'J. M.'

1889. Easter paper, 'Frühling am Garda'. See Ö.T.Z. ix. 92. This trip resulted in a guide-book. *Kitzsteinhorn*, 6/v (paper, ibid. p. 114, cf. p. 152). *Tödi*, 17/ix (paper, Ö.T.Z. x. 85, 97). Full Touren-Berichte, Ö.T.Z. x. 59.

1890–1. Touren-Berichte, Ö.T.Z. 1891, p. 227.

1892. *Ankogel*, 2/vii (Ö.T.Z. 1892, p. 167). *Hochfernerspitze* (E. iii. 14) and *Hochfeiler*, 27/vii ; *Schrammacher*, 29/vii ; *Kleine Zinne*, 9/viii. *Selbhorn* (see E. i. 276), 21/viii (Ö.T.Z. 1892, p. 216). *Jungfrau* from Rottal, 20/ix (ibid. pp. 244, 282 ; Touren-Berichte, ibid. p. 295).

1893. Touren-Berichte, Ö.T.Z. 1893, p. 288.

1894. Touren-Berichte, Ö.T.Z. 1895, p. 12.

1900. *Dent du Géant*, with Frau Meurer-Blank, 26/vii. He wrote an account of an accident which occurred on the mountain the following day, Ö.A.Z. 1900, pp. 207–8.

List of expeditions, Ö.A.Z. 1901, p. 33.

1899. (?) Algeria. Algiers to Bougie ; across the mountains to Setif and Biskra ; visited the Sidi Okba Oasis ; returned viâ Constantine and Tunis, thence to Malta, Sicily (making a winter ascent of *Etna*, ibid. p. 43), Naples, Genoa (ibid. ch. II).

1901. Lists of expeditions, self and wife, Ö.A.Z. 1902, p. 55 (Pico Arieiro in Madeira, and some Dolomites). *C.* 1/ii left Hamburg by sea ; spent 12 days at Lisbon ; left 19/ii ; arrived at Funchal, Madeira, 21/ii ; ascended *Pico Arieiro* ; left 19/iii ; arrived Genoa, 24/iii (Weltreisebilder, ch. I).

1903–4. Left Genoa 11/xi ; Colombo, 28/xi ; visited Kandy

and ascended *Pedrotallagalla*, 11/xii ; crossed to *Tuticorin*, 14–15/xii ; visited Madura, Madras, and Hyderabad ; arrived at Bombay for Christmas and visited the Caves of Elephanta ; left Bombay 27/xii ; visited Ahmedabad, Jeypore, Delhi, Agra, Benares, arriving at Calcutta *c.* 6/i/1904 ; went up to Darjiling, and enjoyed a perfect view of the Himalaya from Tiger Hill, 12/i ; left Calcutta 18/i ; viâ Rangoon and Singapore to (1/ii) Batavia. Spent nearly three weeks in Java, visiting Soerbaya, and ascending the *Papandajan* volcano, 6/ii ; back at Singapore 22–27/ii ; at Hongkong (visiting Canton), 3–19/iii ; in Japan, 30/iii–27/iv.

Austrian Alpine Railways, 1876 ; 2nd ed., 1880.

Author of 4th ed. of Kurz's 'Führer durch die Dolomiten' (1885, reviewed xii. 285) ; 'Illustrierter Führer durch die Ortler Alpen' (1884, reviewed xii. 61) ; 'Durch die Hoch-Alpen Oesterreichs : I. West-Tirol und Vorarlberg' (1885, reviewed xiii. 486) ; 'II. Ost-Tirol mit dem Pinzgau und den Dolomiten' (1886, reviewed xiii. 130) ; 'III. Alpen von Salzburg, Ober-Oesterreich, Steiermark, Kärnten, Krain, Küstenland und Berchtesgadener Land' (1887, reviewed xiii. 429 ; Kleiner ditto, 1889, reviewed xv. 165 ; 2nd ed., 1895) ; 'Durch die Dolomiten' (1890, reviewed xv. 230 ; Kleiner ditto, 1893) ; 'Durch die Ostalpen : I. Westlicher Theil (1892) ; II. Östlicher Theil' (1893, reviewed xvi. 467 ; a collected edition of the earlier books) ; 'Durch die Ortler Gruppe' (1896) ; 'Durch das Pusterthal, Dolomitenthäler, Glockner-Venediger, Zillerthal' (1898) ; 'Durch die Zillerthaler und Stubaier Alpen und durch die östl. bayerisch-tirolischen Kalkalpen' (1900) ; 'Durch ganz Tirol und Vorarlberg nebst angrenzenden alpinen Gebietstheilen' (1902 ; see xxi. 196).

'Führer für Campiglio Arco Riva und Garda' (1889 ; see review xv. 165).

'Handbuch des Alpinen Sports' (1882, reviewed xi. 54) 'Katechismus für Bergsteiger, Gebirgstouristen, Alpenreisende (1892, reviewed xvi. 282).

'Distanz- und Reise-Karte von Tirol, Vorarlberg, Pinzgau und den Dolomiten' (1886, reviewed xiii. 286 ; 4th ed., 1898).

Joint author of 'Der Bergsteiger im Hochgebirge : Alpin-touristische Schilderungen nach den Berichten hervorragender Hochtouristen' (1893, reviewed by C. T. Dent, xvi. 529).

James William Abbot Michell

(31 Jan. 1882, d.m. 1927)

Born 22 Nov. 1840.

Married 1882 Edith Eliza, d. of James Hutchison of Tollington Place, Tollington Park.

Entered the Indian Army, 1858. Lieutenant, 1861 ; Captain, 1870 ; Major, 1878 ; Lieut.-Colonel, 1884 ; Colonel, 1888, in command of 13th Bengal Infantry ; retired, 1897.

Served in the Bhutan expedition, 1864–6 ; present at the recapture of Dweangeri (medal and clasp). In the Duffla expedition, 1874–5. Second in command of the Sikkim expedition, 1888 (mentioned in dispatches ; clasp).

Q. Extensive exploration and mountaineering in the Himalaya, Kashmir, Yarkand, &c., in 1860–2, 64–5, 69–72, 75–7.

Made 12 long expeditions lasting from 2 to 6 months, besides a few minor trips, his principal object being sport. On one occasion camped for a week at 18,200 ft. ; on another, in Tibet, for a month at 17,500 ft. Read a paper before the Club (1882) on ' Twenty Years Climbing and Hunting in the Himalaya ', xi. 203, giving a general account of his experiences on these tours.

1889. Sikkim : (an official trip) left Pakyong for Gantok 18/vi ; crossed the Lagyapla (10,700 ft.) to the Yalichu valley 19–20/vi ; crossed the *Yethong La* and visited the *Yak La* 21/vi ; crossed the *Busala* pass to the Dik Chu valley 22/vi ; visited the *Cho La* 23/vi ; completed his military survey of this portion of the Sikkim-Chumbi frontier by going up the Tambia Cho valley and ascending to 17,000 ft. on *Dopendikang* (17,325 ft.) with the rest of his party. Attempted to complete the ascent alone, but at 17,200 ft. was beaten by a storm of snow and wind, 25/vi. Returned by the Dik Chu valley to Runkpo ; thence to Gantok and Pakyong, 26–9/vi. His report (with sketches and map) is printed xv.iii, under the title, ' Exploration on Sikkim Himalaya '. (Cf. map in Freshfield, ' Kanchenjunga ', p. 306.)

Wrote an In Memoriam notice of R. Hughes, xxxvi. 379.

Frederic Charles Mills

(Dec. 1887, resigned 1914)

Born 1848. Son of Robert John Mills of Bootham, Yorks.

Married 1905 Florence Isabel, d. of Freeman Oliver Haynes, barrister.

Educated Harrow and University College, Oxford ; 2nd Class in Classical Moderations, 1869 ; 2nd Class in Literae Humaniores, 1871.

Barrister (Lincoln's Inn), 1877. North-Eastern Circuit.

J.P. for London (1893) and North Riding of Yorkshire (1908).

F.R.G.S., 1880.

Q. Alpine, 1883–7.

1883, 84, 85. See W. A. Greene.

1886. See J. A. Luttman-Johnson.

1888. Ascended *Le Plaret*, 28/viii ; with W. A. Greene (q.v.), *Brèche de la Meije*, 30/viii ; *Grande Ruine* and *Col de la Casse Déserte*, 1/ix ; *Meije* (29th ascent), 3/ix ; *Rocher de l'Encoula* (3rd ascent, new route up E. face (xiv. 146)), 17/ix ; *Col de la Temple*, 11/ix ; *Mont Pelvoux*, 12/ix ; *Col d'Ailefroide*, 14/ix ; *Barre des Écrins* (53rd ascent), 17/ix (xiv. 372 ; S.T.D. Ann. 1888, p. 88). R. F. Baker also took part in the expeditions of 7–14/ix ; Mills also ascended the *Tête du Rouget*, 15/vii.

1889. Made a partly new ascent of the *Grand Paradis* from Cogne, 9/viii (xiv. 517).

Charles Algernon Moreing

(Dec. 1880, resigned 1913)

Born 1855, New South Wales, where his father was a Government official.

Married 1881 Helen Marian, d. of Edward Harcourt Longden, I.C.S., and niece of Sir H. E. Longden (vol. ii).

Educated private school and King's College, London.

Civil and mining engineer. After leaving college was apprenticed to a well-known civil engineer, Thomas Bewick of Newcastle-on-Tyne, M.I.C.E.

In 1876 or 77 was in charge of some tunnelling works at L'Argentière, near Vallouise (see 'Western Alps', ed. 1898, p. 180, for some account of the silver-lead mines), and remained there

for some years. Went to Kimberley in 1882 as chief engineer for the Compagnie Française des Mines du Cap, and while there was appointed chief engineer to the De Beers Diamond Company. After three years he was compelled to return to England by repeated attacks of malarial fever, becoming a partner of Bewick under the style of Bewick, Moreing & Co., in 1885.

Chairman of Great Fingall Consolidated, Ltd. Managing Director of London and Western Australian Exploration Co., Ltd. Director of Australian Deep Leads Trust, Ltd., and London and Australian Investment Co., Ltd.

Q. Alpine.

Member of C.A.F., section Hautes-Alpes, sub-section Briançon, 1877.

1877. *Barre des Écrins*, 11th ascent, 31/vii (S.T.D. Ann. 1877, p. 76 ; C.A.F. Ann. 1882). Present at inauguration of Refuge Cézanne, 18/viii (C.A.F. Bull., 77, pp. 290–7). Attempt on *Monte Viso* from the N. defeated by a storm, 2/ix (S.T.D. Ann. p. 90 ; C.A.F. Ann. 1877, p. 225) ; *Col de Malrif*, 3/ix (S.T.D. Ann. p. 88).

1878. *Brèche de la Meije*, 7/ix (C.A.F. Ann. 78, p. 29) ; attempt on the *Meije*, 6/ix (ix. 133, 136 ; S.T.D. Ann. 1878, p. 57).

1879. *Col des Écrins*, 20/viii ; 7th passage of the *Col de la Pilatte*, 23/viii (S.T.D. Ann. 1880, pp. 44, 46).

Sir George Henry Morse

(Feb. 1887, C. 1892–4, V.P. 1913, P. 1926–7)

Born 27 May 1857. Son of Charles Morse (see vol. i) and Mary Harriet, d. of Robert Isacke, Commander in the H.E.I.C. Navy.

Married 1893 Annie, sister of W. and C. H. Pasteur (q.v.).

Educated Wellington.

Chairman of Steward & Patteson, Ltd., brewers, Norwich ; also of the Norwich Union Life Insurance Society.

J.P., Norwich ; Mayor of Norwich, 1899 ; Lord Mayor, 1922–3. Knighted, 1923.

Q. Alps 1884, 5, 6.

Original Member of the Climbers' Club ; V.P., 1901–3. Subscriber to New Zealand A.C.

1887. *Aiguilles Verte, de Blaitière, du Dru*; *Col du Géant*; *Furggengrat, Gabelhorn* by the face and E. arête; *Weisshorn*; *Matterhorn* traversed without the help of the rope ladder on that side (not yet replaced); *Rimpfischhorn* from Adler pass; *Dent Blanche*; traversed the *Finsteraarhorn*, making the 6th ascent by the SE. arête (D.A.Z. ii. 119) and the 3rd by H. Cordier's route, and for the 1st time starting from the Concordia Hut; descent by *Agassizjoch* to Grindelwald, 4/viii (xiii. 422, xx. 143).

1888. *Brèche de la Meije*, 3/vii; *Fifre*, 6/vii; *Barre des Écrins* traversed (40th ascent), 9/vii; *Meije* (20th ascent), 11/vii (S.T.D. Ann. 1888, p. 90); *Col de Miage* (U. Almer). Traversed the *Aiguille des Charmoz* and reached the 1st summit of the *Aiguille de Grépon* (by N. arête, 2nd ascent by this route); want of time prevented his completing the ascent (Mummery, p. 140).

1889. *Strahlegg*; *Silberhorn*; *Jungfrau*; *Lauterbrunnen Breithorn*; *Bietschhorn* by W. arête; *Col des Hirondelles*; *Aiguilles du Géant, Petit Dru, des Charmoz, de Grépon*, besides a day on the Grindelwald arête of the *Eiger* and 3 attempts (see xv. 335) on Pic Sans Nom (U. Almer).

1890. See J. H. Wicks.

1891. With C. H. Pasteur and J. H. Wicks, without guides, *Barre des Écrins*, 15/vii; *Le Plaret*, 1st ascent by NE. arête, 18/vii (xvi. 51); *Meije*, 46th and 3rd guideless ascent, 20/vii; *Grande Aiguille*, 23/vii (S.T.D. Ann. pp. 76, 79, 83, 88). Attempts on *Dent du Requin*, with Wicks, C. Wilson, and J. H. Gibson, 29/vii; with Wicks and Gibson, 10/viii (xxxix. 111; see xvii. 87).

1892. Skye. With Wicks and J. H. Gibson traversed *Sgurr nan Gillean* and the *Bhasteir Tooth*, 12/iv; climbed the 'Inaccessible Pinnacle', descended *An Stac*, an unclimbed buttress of Sg. Dearg (Abraham, p. 204), and climbed *Sg. Mic Choinnich*, 14/iv; made a variation on *Sg. Mic Choinnich* (see S.M.C.J. ix. 3), 15/iv; traversed *Sg. Greadaidh* and *Sg. Mhadaidh*, 16/iv, and *Bidean Druim nan Ramh*, 17/iv (S.M.C.J. ii. 213).

With Wicks and J. H. Gibson, attempts on *Dent du Requin*, 26 and 27/vii, 6/viii (xxxix. 112); *Aiguille de Talèfre*, new ascent by W. arête, with the same 29/vii (xvi. 261); with Gibson, C. Wilson, and C. H. Pasteur, 4th and 1st guideless ascent of the *Aiguille de Grépon* (Mummery, p. 140).

1893. With J. H. Wicks and C. Wilson, *Grivola* from the SW., 24/vii (xvi. 461, 466, xviii. 209, xxv. 497). *Col du Géant*, 25–6/vii

(xxv. 497) ; attempt on *Dent du Requin*, 26/vii ; *Aiguille d'Argentière*, 1st ascent by E. arête, 3/viii (xvi. 515, xviii. 209 ; see 1895). *Aiguille Noire de Peuteret*, 7th ascent, 20/vii (xvi. 504, xxv. 501), with Emile Rey. *Aiguille de Grépon*, 1st traverse from S. to N., ascent, 8/viii (Kurz ; Mummery).

1895. *Aiguille du Tour Noir*, new descent, with C. H. Pasteur and Emile Rey, 11/viii ; *Mont Blanc* traversed, from Grands Mulets viâ *Mont Maudit*, *Mont Blanc du Tacul*, and *Col du Midi* to Montanvers, with Emile Rey only, 21/viii. He read a paper before the Club on these expeditions and that of 3/viii/1893 (xviii. 207–16).

1897. *Petersgrat* ; *Oberaarjoch* and *-horn* ; *Engelhörner* (see U. Almer ; three weeks of bad weather).

1898. Attempt on *Dent du Requin* by Wicks' and Wilson's (q.v.) 1896 route, with C. H. Pasteur, 10/vii (xxxix. 112).

1906. *Dent du Requin*, 16/viii (xxxix. 112).

1923. *Dent du Requin*, 7/viii (xxxix. 112).

William Oxnard Moseley, Jun.

(March 1877, d.m. 1879)

Born 30 Oct. 1848, Boston, U.S.A. Son of William Oxnard Moseley and Caroline L. Fairbanks.

Educated the Boston Latin School and Harvard University ; B.A., 1869.

Travelled extensively in Europe and the East. Began the study of medicine in Paris ; returned to Boston Sept. 1874 and entered the Harvard Medical School. In Aug. 1877 became House Physician at the Massachusetts General Hospital. M.D., 1878.

Died 14 Aug. 1879 (see below).

Q. Alpine.

1874. *Ortlerspitze*, 8/viii (Tourist, 1874, p. 422).

1876. With A. E. Craven made the 6th recorded ascent of the *Hintere Schwarze* and 2nd recorded passage of the *Kleinleitenjoch*, 14/viii (viii. 161 ; E. ii. 337, 357), and the 5th ascent of the *Hohe Wilde*, 16/viii (viii. 161, ix. 494, xiv. 466 ; E. ii. 362). Made an ascent of the *Untergabelhorn* (noticed xiii. 177, 123).

1878. *Blümlisalphorn* ; *Bietschhorn* (S.A.C.J. xv. 290–4, 301),

16/ix, with E. Burckhardt of the Basel Section of S.A.C., who wrote an In Memoriam notice of him, N.A.P. x. 141.

1879. *Eigerjoch*, 29/vii ; *Jungfraujoch*, 30/vii ; *Jungfrau* from Wengern Alp, 31/vii (N.A.P. x. 55). 1st traverse from the *Gross* to the *Klein Doldenhorn*, with A. E. Craven, 5/viii (ix. 438, x. 385) ; *Viescherjoch* (2nd passage and 1st from S. to N., ix. 438 ; Pioneers, p. 259). Ascended the *Matterhorn* with A. E. Craven, 14/viii, and was killed on the descent (ix. 372 ; Pioneers, p. 259).

According to E. Burckhardt (see above, 1878) he travelled in the Alps for several years from the beginning of June to the end of September, and had also done much work in the Sierra Nevada.

William Muir

(Feb. 1887, d.m. 1921)

Born 1857. Son of Robert Muir of Glasgow and Montreal.
Married 1914 Helen Ridout.
Educated Clifton (Cricket XI).
Shipbroker. F.R.G.S., 1902.
Died 9 Aug. 1921.

Q. Alps 1884–6.
Subscriber to New Zealand A.C.
1887. See J. H. Wicks.
1889. 2nd ascent of the *Aiguille de Leschaux* (C.A.I. Boll. 1901, p. 75) ; *Aiguille Noire de Peuteret*, 4th ascent, –/viii (R.M. 1890, p. 388 ; 1903, p. 252 ; C.A.I. Boll. 1909, p. 201 ; cf. xvi. 504) ; *Dôme de Rochefort*, by a new route from the W., 14/ix (xiv. 496).

Arnold Louis Mumm

(March 1889, C. 1899–1900, S. 1901–5, V.P. 1919–21, L. 1920, d.m. 1927)

Born 23 Sept. 1859, London. Son of Julius Engelbert Mumm of London, Reims, and Cologne, wine merchant, and Elizabeth, d. of Joseph Henry, solicitor, Dublin.

Educated Eton and Corpus Christi College, Oxford (Scholar) ; 1st Class in Classical Moderations, 1881 ; 1st Class in Literae Humaniores, 1883 ; 1st Class in Jurisprudence, 1884.

Barrister (Lincoln's Inn), 1886, but never practised.

Partner in publishing firm of Edward Arnold (later Edward Arnold & Co.), 1894–1925.

F.R.G.S., 1906.

Wrote an In Memoriam notice of Colonel Edmund Smyth, G.J. xxxix. 81.

Died at sea, 2 Dec. 1927. (The Times.)

Q. Alps 1873, 74, 76–9, 81, 84, 86–8.

Member of S.A.C., section Bern (1906); A.C.C. (1909); New Zealand A.C.; Corresponding Member of Appalachian Mountain Club (1915); Member of American A.C.

1882. Easter: made a descent of *Scafell* by Deep Ghyll (noticed xiii. 94, 178; Jones, p. 12; Haskett-Smith, p. 34). He wrote a paper on his early experiences at Wastdale Head, F.R.C.C.J.

1888. Attempt on *Grand Paradis* from Cogne by Col de l'Abeille, with C. A. James, 6/ix (xiv. 517; R.M. 1889, p. 257, 388; C.A.I. Boll. 1891, p. 34).

1889. *Brèche de la Meije*, 28/viii; *Sommet des Rouies*, 29/viii; *Barre des Écrins* traversed (56th ascent), 31/viii; *Meije* (37th ascent), 2/ix; *Col de la Temple*, 4/ix; *Mont Pelvoux*, 6/ix; *Col du Sélé*, 7/ix; *Aiguille du Plat* traversed (new ascent by NE. arête, xiv. 480), 9/ix. All, except Rouies and Meije, with C. A. James. S.T.D. Ann. 1889, p. 69.

1902. *Bifertenstock* traversed with C. Cannan (see 1906).

1904. *Selbsanft* traversed by the Scheibenrunse, with C. Schuster (xxiv. 542–8; Schuster, p. 159; see 1906).

1905. Ruwenzori (E. Africa): joined D. W. Freshfield (vol. ii) at Nairobi, 30/ix; left Entebbe, 6/x; Fort Portal, 21–25/x; reached Ibanda, in the valley of the Mubuku River, 27/x; Bujongolo, the highest native shelter, 1/xi; visited the glacier at the head of the valley 2/xi; left 3/xi; Ibanda, 4/xi; Katwe, on N. shore of Lake Albert Edward, 8/xi; returned by Mbarara, where they stayed 16–20/xi, and Masaka; Entebbe, 1/xii (xxiii. 45–50, 87–98, 185–202; G.J. xxvi. 481–6; Freshfield, 'Below the Snow Line').

1906. *Claridenstock* traversed, descent to Klausen pass, 23/viii; *Bündtner Tödi* from Grünhorn Hut and *Bifertenstock* from Obere Frisallücke, 25/viii; *Kavestrau Grond* (Brigelser-

hörner) traversed by a new route from Puntaiglas glacier, 30/viii (xxiii. 333); *Piz Puntaiglas*, 1/ix; *Tödi*, by *Puntaiglas* pass and *Gliemspforte*, 2/ix; *Ruchi-Hausstock* traversed, 4/ix. He read a paper before the Club, 'The Bifertenstock and its Neighbours', xxiii. 450, describing these expeditions and those of 1902 and 4, which were undertaken in connexion with the editing by him of some routes in Section 27 (Tödi District) of the revised Alpine Guide.

1907. Himalaya: with C. G. Bruce and T. G. Longstaff left Almora 26/iv; crossed the *Kuari* pass (descending to the Niti pass road), 6/v; ascended a small peak near the mouth of the Rishi valley, 10/v; went up the Bagini glacier, 21/v.

Went up the Rishi valley, 31/v–3/vi; and made an attempt on *Trisul* (spending 2 nights at 20,000 ft.), with T. G. Longstaff, 6–9/vi.

The party proceeded up the Niti pass road (crossing the Kurkhuti Dhar, –/iv) to the Raikhana glacier. Returned along the Niti pass road to Gamsali; camped on a glacier (which he explored for some distance); crossed the *Bhyundar* pass or *Smyth's* pass (*c.* 16,700 ft.), 12/vii, and the *Khanta Khal*, descending to the Mana pass road, 14/vii. Returned with Bruce viâ Joshimatt and Kuari to Almora (xxiv. 107) and went on to Kashmir. Ascended *Haramukh* by a new route, 4/ix (xxiii. 653); crossed the Kishenganga valley at Kairen; made a new pass into the Khagan country, 17/ix; 1st ascent of *Shikara*, 22/ix (xxiii. 653); made a series of passes over the spurs of the Khagan range, reaching Gari Habibulla, 2/x. He wrote a paper on this part of the tour, 'In and about Kashmir', xxiv. 195, and described the whole of it in 'Five Months in the Himalaya' (1909, reviewed xxv. 188, by D. W. Freshfield). See papers by Longstaff, xxiv. 107; G.J. xxxi. 361; see pp. 391–2.

1909. Canadian Rockies. Was one of the British guests at the A.C.C. Camp at Lake O'Hara; ascended *Mt Huber*, 3/viii; made a partial ascent of *Mt Odaray*, 5/viii (see xxv. 22; Canadian A.J. II. ii. 134, 211); with L. S. Amery and G. Hastings (q.v.) left the camp at *Abbot's* pass, 6/viii, and made an expedition (organized by Amery) to Mt Robson; left Edmonton, 8/viii; reached Moose River, 29/viii; explored the glaciers at head of W. fork of Moose River, 1/ix; *Moose* pass, 4/ix; attempt on *Mt Robson*, 7/ix (xxv. 90, 293). He returned with Hastings, reaching

Edmonton 1/x. Wrote a paper, ' An Expedition to Mt Robson ', Canadian A.J. II. ii. 1.

1910. Canadian Rockies: with J. N. Collie left Edmonton and rail-head (Wolf Creek) 17/vii. He ascended the *Yellowhead Mt* 30/vii. The party ascended a peak on E. side of the Moose River, 3/viii; crossed Moose pass, 7/viii; 1st ascents of *Mumm Peak*, 16/viii; and *Mt Resolution*, 19/viii. Bad weather prevented any attempt on Mt Robson.

The return journey was made viâ the Smoky River, Twin Tree Lake, and the Stoney River. There is no record of this route having been previously followed by white men (xxv. 466).

1911. Canadian Rockies: with J. N. Collie returned to the Smoky River by the return route of 1910; 1st ascent of *Mt Hoodoo* (close to pass at head of Stoney River), 7/viii. Explored the Chown group (on left bank of Smoky River), making 1st ascents of an unnamed snow peak, 18/viii; and ' *Mount Bess* ', 26/viii, and minor expeditions; visited a low plateau to the W. of the Chown group, 27–31/viii. The return journey was also made by the Stoney River, from the head of which Mumm ascended a glacier pass (the descent to the Moose pass trail appeared easy) (xxvi. 5; G.J. xxxix. 223; Collie on trips of 1910 and 11).

1913. Canadian Rockies: at the A.C. Camp at foot of Mt Robson, 10/viii; 1st ascent of a nameless peak (No. 2) to N. of Mt Robson, 9/viii (Canad. A.J. vi. 239, 253). Travelled up Athabasca and Whirlpool Rivers; ascended a fine view-point at mouth of N. Whirlpool River, 20/viii (up to this point was accompanied by G. E. Howard) (Canad. A.J. vi. 74–85). Ascended *Mt Brown*; explored a glacier on right bank of Whirlpool River; attempt on *Mt Edith Cavell*. (He read a paper before the Club, ' A Trip up the Whirlpool River ', xxviii. 355–69, and completed Howard's narrative, Canad. A.J. vi. 85.)

1920. Canadian Rockies: at the Canadian A.C. Assiniboine Camp; *Mt Assiniboine*, with J. A. Osler. Later by *Anniskwi* pass, with V. A. Fynn and others, to foot of Mt Freshfield glacier; *Mt Freshfield*, with Fynn and others (3rd ascent), 21/viii (xxxiv. 390, xxxv. 43; Canad. A.J. xii. 179).

1921. See record of expeditions.

1922–3. Visited the Canadian A.C. Camp at Palliser pass, 25/vii–3/viii, 1922; traverse of *Leda*, *Castor* and *Pollux* (Selkirks),

7/viii. Arrived Yokohama, 20/viii ; *Fujiyama*, 29/viii ; to Nakabusa Onsen (N. Japanese Alps), 15/ix ; *Ariake San*, 16/ix ; partial ascent of *Gaki*, 19/ix ; high level route to Kamikochi, with ascents of *Tsubakuro* and *Otenjo*, 21–23/ix ; *Takugo Toge*, 24/ix. Arrived at Wellington, New Zealand, 18/xii ; at the Hermitage, 13/i/1923 ; *Glacier Dome*, 19/i ; *Mount Annette*, 27/i ; almost completed an ascent of *Mt Hamilton*, 1/ii. He read a paper before the Club on the tour, ' A Mixed Bag ', xxxvi. 12–24.

1923. *Titlis*, Jubilee ascent, with C. G. Bruce and H. F. Montagnier, 21/viii (xxxv. 301). See Record of Expeditions. Present with Montagnier at the inauguration of the ' Temple de la Nature ' at the Montanvert, 2/ix (note by him, xxxv. 176–7).

1924 and 25. See Record of Expeditions.

Wrote papers on ' Ruskin and the Alps ', xxxii. 328–43 ; ' A History of the Alpine Club ', presented at the Congrès d'Alpinisme held at Monaco in 1920, xxxiv, 1–18 ; ' Some Characteristics of Mountain Ranges ', Canad. A.J. v. 1–10 ; ' Mount Everest ', ibid. xii. 1–13 ; In Memoriam notices of C. Cannan, xxxiii. 111–12 ; Moritz Inderbinen, xxxviii. 300 ; H. Woolley, Canad. A.J. xi. 213. Reviews and Summaries : A. P. Coleman's ' Canadian Rockies ', xxvi. 353 ; ' The Selkirk Mountains ', by A. O. Wheeler and Mrs. Elizabeth M. Parker, xxvi. 476 ; Howard Palmer's ' Mountaineering and Exploration on the Selkirks ', xxix. 94–8 ; L. J. Burpee's ' Among the Canadian Alps ', xxx. 87–8 ; ' Camp-craft ', by W. H. Miller, xxxi. 130–2 ; ' On the Eaves of the World ', by Reginald Farrer, xxxii. 130–3 ; ' Mount Rainier ', by E. S. Meaney, xxxii. 395–7 ; W. M. Conway's ' Mountain Memories ', xxxiii. 288 ; ' Climbers' Guide to Canadian Rockies ', xxxiv. 183 (see also p. 334) ; ' Mountain Climbs ', by Abate Achille Ratti (now Pope Pius XI), xxxv. 120 ; Canad. A.J. vols. vi–x, xiii, xiv ; Appalachia, xvi (50th Anniversary Number). Compiler of ' The Alpine Club Register ' (see xxxv. 10, 118, xxxviii. 4). Wrote the chapter on ' The Rocky Mountains ' in G. W. Young's ' Mountain Craft ' (pp. 572–91).

Albert Frederick Mummery

(Dec. 1888, C. 1895, d.m. 1895)

Born 10 Sept. 1855, Dover. Son of William Rigden Mummery of Dover.

Married 1883 Mary, d. of John William Petherick of Exeter, sister of W. J. Petherick.

Partner with his brother in a tanning business at Dover and Canterbury.

F.R.G.S.

Joint author with John Atkinson Hobson of ' The Physiology of Industry ' (1889).

Died *c.* 24 Aug. 1895 (see below). (D.N.B. ; In Memoriam, xvii. 566.)

Q. Alps and Caucasus.

1871. 1st visit to Switzerland. Crossed the *Théodule.*

1873 or 74. *Alphubeljoch, Monte Rosa* (F. Anthamatten).

1874. Made the 1st of his 7 ascents of the *Matterhorn.*

1875. *Triftjoch* ; *Matterhorn, c.* 8/viii (F. Anthamatten).

1876. *Mont Blanc,* by the Mont Blanc glacier, 6/vii (C.A.I. Boll. xiii. 578).

1879. *Tiefenmattenjoch* (Climbs, p. 6) : *Mischabeljoch,* 27/viii ; *Laquinjoch,* 28/viii ; *Fletschhorn* traversed (new ascent from Laquin glacier), 29/viii (ix. 367) ; 1st ascent of the *Sonninghorn* (*Portienhorn*), 30/viii (xi. 181) ; *Ried* pass, 31/viii. 1st ascent of the *Matterhorn* by the Zmutt arête, 3/ix (ix. 365 ; paper, ix. 458–62 ; 'Climbs', chap. i; see Ö.A.Z. ii. 28, Alexander Burgener's account) ; with W. Penhall, 1st recorded ascent of the *Diirren-horn* (*Nadelhorn*), 7/ix (ix. 367, x. 340, xiii. 412–13).

1880. Col Tournanche, –/vi ; 1st passage of the *Col du Lion,* 6/vii (x. 96 ; 'Climbs', chap. iii) ; Courmayeur, 7/vii ; *Col du Géant,* 12/vii ; to Grands Mulets and back, 13–14/vii ; 1st ascent of the *Aiguille des Grands Charmoz,* 15/vii (x. 95 ; see below, 1881) ; Stalden, 16/vii ; start for Matterhorn and return, 17–18/vii ; ascended *Matterhorn* by SE. (Furggen) ridge, then traversed E. face and completed the ascent by the usual route, 19/vii, to Chamonix, 20/vii (x. 96 ; ' Climbs ', chap. ii).

Made an attempt on the *Dent du Géant,* –/viii. During the 1st ascent, in 1882, Alexander Sella found his cairn and card with

the words, much quoted since, ' Absolutely inaccessible by fair means ' (C.A.I. Boll. 1882, p. 29 ; cf. xi. 72 and illustration).

1881. *Col du Géant*, 28/vii (?) ; *Aiguille Verte*, 1st ascent from the Charpoua glacier, 30/vii (x. 357 ; 'Climbs', chap. ix); attempt on the *Aiguille de Grépon* from the Mer de Glace, 1/viii ; 1st ascent of the N. (lower) summit, 3/viii ; 1st ascent of the *Aiguille de Grépon*, 5/viii (x. 357 ; he read a paper before the Club, ' The Aiguilles des Charmoz and de Grépon ', xvi. 159, reprinted in ' Climbs ', chaps. v and vi, with the addition of an account of the attempt of 1/viii/1881).

1887. *Matterhorn*, with Mrs. Mummery (his 5th ascent) (Climbs, p. 4, 68, 72) ; *Täschhorn*, 1st ascent by the SW. arête (Teufelsgrat), 15/vii (xiii. 414; 'Climbs', chap. iv, by Mrs. Mummery).

1888. Caucasus : travelled by Piatigorsk-Naltchik to Bezingi, 7/viii, and the Missess Kosh, 8/viii ; reconnoitring expedition on Dychtau, 9/vii ; ascended its SW. buttress (*c.* 13,500 ft.) alone (Climbs, p. 259–62), 10/vii ; 1st passage of the *Dykhsu* pass to head of Cherek Valley, 12/vii (Freshfield, ii. 260) ; attempt on *Shkara* from the Dykhsu glacier, 13/vii ; returned by a variation of the *Dykhsu* pass to the Kosh, 14/vii ; *Zanner* pass (with a variation) to Mujal (Suanetia), 17/vii ; returned by a combination of the *Tuiber* and *Leksur* passes to the Bashil glacier and Chegem Valley, 19/vii (Freshfield, ii. 248, 250) ; to Chegem, 20/vii ; Bezingi, 21/vii ; 1st ascent of *Dykhtau*, 24/vii (xiv. 88 ; Freshfield, ii. 263 ; 'Climbs', chaps. xii and xiii ; he read a paper before the R.G.S. on ' The Ascent of Koshtantau ' (now Dychtau), Proc. R.G.S., n.s., x. 351).

1889. 1st passage of the *Schreckjoch* (guideless), 17/viii (xiv. 504).

1890. Caucasus : 1st passage of the *Fytnargyn* pass (Karaoul to Zeshko Valley), with W. J. Petherick, 17/viii (xv. 316 ; Freshfield, ii. 258).

1891. Made partially new routes up and down the *Tour du Grand St. Pierre* with E. Carr, without guides, 12/viii (xvii. 346).

1892. After a reconnaissance (11/vii) with E. Carr, W. C. Slingsby and G. A. Solly, made with Carr and Slingsby an attempt on the *Aiguille du Plan* from the NW., 13–14/vii ; described by Carr under the title ' Two Days on an Ice Slope ', xvi. 422 (cf. xvi. 272 and 'Climbs', p. 183). With Carr, J. N.

Collie, W. J. Petherick, C. H. Pasteur, Miss Pasteur, and Miss Bristow, without guides, traversed the *Aiguille des Charmoz*, 23/viii (Climbs, pp. 110–19) ; and made the 5th ascent (2nd guideless and 1st traverse) of the *Aiguille de Grépon*, 18/viii (Climbs, pp. 140–50 ; Kurz, 2nd ed. pp. 183–4), with Collie, Pasteur, and G. Hastings. Made an attempt on the E. ridge of the *Grandes Jorasses* (xxvi. 233).

1893. With J. N. Collie, G. Hastings, and W. C. Slingsby, without guides, 1st ascent of the *Dent du Requin*, 25/vii (xvi. 512, xvii. 9 ; 'Climbs', chap. vii) ; ascended the *Col de Triolet*, making the 1st ascent of a small nameless peak near it (Climbs, pp. 240–1) ; again traversed the *Aiguille de Grépon* (with Miss Bristow), 5/viii (Climbs, pp. 151–60) ; 1st ascent from the W. and 1st traverse of the *Aiguille du Plan*, 7/viii (xvi. 513 ; 'Climbs', chap. viii) ; and ascended the *Petit Dru*. *Matterhorn* from Breuil, with Collie, Hastings, and Miss Bristow, without guides, descending by the same route in a storm, 24/viii (Climbs, p. 4 ; R.M. 1893, p. 398).

1894. With Collie and Hastings, without guides, 1st passage of the *Col des Courtes*, 2/viii (xvii. 537, xxvi. 174 ; Climbs, p. 115) ; *Aiguille Verte*, by the Moine ridge, 11/viii (xvii. 364 ; 'Climbs', chap. x) ; with Collie and the Duke of the Abruzzi, 3rd ascent of the *Matterhorn* by the *Zmutt* arête, 27/viii (Climbs, p. 22 ; letter from him C.A.I. Boll. xxviii. 354–6).

1895. Himalaya : first and only exploration of *Nanga Parbat*. There were no guides with the party. With J. N. Collie and G. Hastings (q.v.) left England 20/vi ; arrived Bombay 5/vii ; Kashmir, 9/vii ; crossed the *Tragbal* and *Kamri* (14/vii) passes ; camped by the Tashing glacier, 16/vii. Crossed the *Mazeno La*, 20/vii ; reached the Diamirai nullah, 22/vii ; made the 1st passage of the *Diamirai* pass (18,050 ft.) and recrossed the *Mazeno La*, 23–4/vii.

Explored the Tashing glacier and climbed to *c.* 16,000 ft. on a ridge above it, with Collie and C. G. Bruce, 28/viii. With Collie, Bruce, and Hastings made an attempt to find a direct pass to the Diamirai nullah, reached over 20,000 ft., spent the night *c.* 19,000 ft., 31/vii ; again crossed the *Mazeno La*, 1/viii, and reached the nullah by the *Butesharon* pass (new), 2/viii ; ascended the W. face of Nanga Parbat to 17,000–18,000 ft., 6/viii ; made the 1st ascent of *Diamirai* peak (*c.* 19,000 ft.) and crossed

Hastings' *Goman Singh* pass with Collie, 11/viii ; ascended part W. face of Nanga Parbat with provisions, 15–16/viii ; made an attempt on Nanga Parbat, turned back on 2nd day as his companion, a Gurkha, was unwell, 19–20/viii. Started up the Diama glacier with two Gurkhas, intending to cross the 'Diama pass' at its head to the Rakiot nullah, 23/viii ; they were never seen again (xvii. 561, xviii. 17 ; Collie, pp. 25–117).

Shortly before his death he published 'My Climbs in the Alps and the Caucasus' (1895, reviewed by C. T. Dent, xvii. 527 ; French edition, by M. Paillon, 1903). He also wrote the article on 'Chalk' in W. P. Haskett-Smith's 'Climbing in the British Isles', pp. 18–22 (dealing mainly with the climbing on the cliffs near Dover).

His only recorded British climb is the 2nd ascent of the *Great Gully* on *Wastwater Screes* in 1893 (Jones, p. 185).

Rev. Francis Henry Murray

(May 1881, resigned 1894)

Born 7 June 1820, Kirk Michael, Isle of Man. Son of George Murray, D.D., nephew of 4th Duke of Atholl, Bishop of Sodor and Man (1814–27) and Rochester (D.N.B.), and Lady Sara Maria Hay-Drummond, d. of 9th Earl of Kinnoull.

Married, 1st, 1846, Fanny Catherine, d. of John L. Anderdon ; 2nd, 1854, Mary Prescott, d. of Richard Paterson and widow of Thomas Sanders.

Educated Harrow and Christ Church, Oxford (Student) ; 3rd Class in Literae Humaniores, 1841.

H.O., 1843. Curate of Northfield, Birmingham, 1843–5. Rector of Chislehurst, 1846–1902. Honorary Canon of Canterbury, 1890. Rural Dean of West Dartford, 1887. Proctor of the Diocese of Canterbury, 1892.

Was an ardent supporter of the Tractarian Movement ; one of the 16 founders, 1859–60, of the English Church Protection Society, later the English Church Union, and a member of its Council, 1865–94. Took a considerable part in the compilation of 'Hymns Ancient and Modern'.

Author of 'A Catena of Authorities upon the Altar and

Eucharistic Sacrifice ', ' Sermons on the Eucharistic Sacrifice and the Communion of Saints ', ' Devotions for Christian Seamen '.

Died 11 Oct. 1902. (The Times ; Church Times.)

Q. Alpine.

Thomas Arthur Nash

(Feb. 1890, d.m. 1921)

Born 1850. Son of John Nash of Langley Marsh, Bucks.

Married 1890 Hon. Augusta Bethell, d. of 1st Lord Westbury, widow of H. C. Adamson Parker.

Educated Lincoln College, Oxford ; B.A., 1871.

Barrister (Inner Temple), 1874.

Author of a ' Life of Lord Westbury ' (1888).

Died 20 Aug. 1921.

Q. Alps 1878, 85, 8, 9.

1889. Made the 2nd ascent of both peaks of the *Aiguille du Dru* in a single day, with W. Williams (xiv. 511–12).

James Nérot

(Dec. 1877, d.m. 1902)

Born 1829 or 30, in England. Son of a French father and Irish mother.

Educated in England.

Settled in France at an early age, but difficulties arising as to his naturalization he ceased to trouble about the matter, and it was not till he had served in the French Army in the war of 1870 that he became a French citizen. Soon afterwards was called to the Paris Bar, and practised with great success in the Court of Appeal.

Died 13 April 1902, aged 72 (C.A.F. Bull. 1902, p. 110).

Q. Alpine.

Member of S.T.D., 1878. Member of C.A.F., Paris Section (1875) ; an original member of the Uriage sub-section of the Section d'Isère (founded Jan. 1877) ; C.A.I., Florence Section (1882). He was a sectional delegate on the ' Direction Centrale ' from 1878, continuously representing Uriage, Épinal, and Hautes-

Vosges till 1889, when he became a regular member. He was then already a member of the ' Refuges ' Committee, of which he was made Honorary President, 1898 (see C.A.F. Ann. 1898, p. 585) ; and served for several years on the Editorial Committee ; remained an assiduous and energetic member of the Direction Centrale till a year or two before his death, when he was made an Honorary Member.

1876. *Mont Blanc*, 7/ix (C.A.I. Boll. xiii. 578 ; he wrote a paper on this expedition (which was completed in a storm), C.A.F. Bull. 1877, pp. 171–4). Lord Ellenborough (q.v.) started with him, but turned back.

1877. *Matterhorn* traversed, Breuil to Zermatt, 7/ix (R.M. i. 46).

1878. *Aiguille du Plat* (3rd ascent), 1/ix ; 1st ascent and passage of *Tête* and *Col de l'Ours*, 3/ix ; 1st ascent and passage of *Tête* and *Col de Chéret*, 5/ix (xi. 109) ; *Col des Écrins*, 6/ix ; then went to Bonneval ; visited the glaciers du Mulinet and des Sources de l'Arc and ascended the *Ouille de Trieves* (3,068 m.), 11/ix ; stopped by fog on *Mont Pourri*, 13/ix ; *Dôme de Chasse-forêt*, 15/ix ; 1st ascent of E. summit of *Pics de Neige du Lautaret*, 19/ix ; attempt on *Pic de la Grave*, *Col de la Lauze*, 21/ix (paper, C.A.F. Ann. 1878, pp. 135–49).

Member of Committee for organizing the International Alpine Congress at Paris (C.A.F. Ann. 1878, p. 685 ; Bull. 1878, p. 8), but was not himself present at the Congress.

1879. *Col de la Muzelle* ; *Aiguille d'Olan*, 1st ascent viâ the Combe de Turbat (the *descent* had been made by this route on the occasion of the 1st ascent), 26/viii. Arrived at Refuge des Lyonnais (Guil valley), 5/ix ; *Pointe Joanne* or *Cima di Losetta*, 7/ix ; *Pic d'Asti* (?), 11/ix ; reconnaissance of Pic sans Nom, 15/ix (C.A.F. Bull. 1879, pp. 176–7).

1880. 1st ascent of E. peak of the *Ailefroide*, 25/viii (x. 278 ; he described the expedition to Uriage Section, Bull. 1881, pp. 48–50, and see Rev. Alp. Dauph. i. 230).

1881. 1st ascents of the *Turge de la Suffie* and the *Escavinade*, 12/ix ; of the *Farnareita*, 91/ix ; and *Pic Rouehon*, 20/ix (x. 353–4).

1882. *Col des Estronques* and *Col Tronchet* to Maljasset, 11/ix ; *Grand Rubren*, 14/ix ; *Col de Vars* to Guillestre, 15/ix ; Abries to Refuge Agnel and back, 18/ix. Driven home by bad weather.

1883. *Col Isouard* and *Rochebrune* (his 2nd ascent), visit to a refuge being built by sub-section Briançon, 21/viii ; *Col La Noire*, 24/viii ; *Brec de Chambeyron*, 3rd ascent, 26/viii (Rev. Alp. xiii. 295) ; *Aiguille de Chambeyron*, 2nd ascent, by a new route, 28/viii (xii. 187). Paper 'Promenades dans les Basses-Alpes', C.A.F. Ann. 1883, pp. 3–40, on the tours of 1882 and 83, with Notes on the passes, &c., in this little-known district, which he now visited for the 4th time.

1885. *Pic de l'Étendard*, 18/ix (S.T.D. p. 74).

1888. *Pic de Néthou*, 25/viii.

1892. *Grand Lance d'Allemont*, 2nd ascent (Ann. Alpinist Dauph. 1895, p. 202), 18/ix ; *Grand Pic de Belledonne*, 19/ix (S.T.D. Ann. pp. 106, 109).

1894. *Grand Lance de Domène*, 12/viii ; *Pic du Grand Domenon* and *La Grande Lauzière* (guideless), 13/viii ; E. and W. summits of *Jasse Bralart* (guideless), 16/viii ; *Colon* and *Pte. du Grand Chauvin*, 18/viii ; *Grand Sorbier* and *Grand Vent*, 20/viii, traverse of the 3 *Pics de Belledonne*, 22/viii (S.T.D. Ann. pp. 93–7 ; C.A.F. Bull. 1894, pp. 219–20 ; C.A.F. Ann. 1894, pp. 549–50).

Ludwig Norman Neruda

(Dec. 1890, resigned 1894)

Born 18 Nov. 1864, Stockholm. Son of Ludwig Norman, Hofcapellmeister at Stockholm, and Wilma Neruda, the famous Austrian violinist, afterwards Lady Hallé (D.N.B.).

Married 1892 Mabel Theodora (May), d. of J. E. H. Peyton (q.v.).

Educated till his 16th year in Stockholm, England, and Brunn (Austria) ; had a remarkable aptitude for languages and was equally at home in English, Swedish, and German ; later he also acquired French, Italian, and Dutch. Then studied painting in the art schools of Antwerp, Paris, and London ; exhibited at the Grosvenor Gallery, 1886.

Finally settled in London, became a member of the Stock Exchange, and devoted himself to business for some years. In 1894 settled at Asolo, near Venice, and occupied himself with the exploration of the Dolomites (see below).

Died 10 Sept. 1898 (see below).

Q. Alps 1882, 86, 87, 89, 90.

Member of Austrian A.C. ; C.A.I., Milan Section.

1887. Made a traverse of the *Crna Prst*, –/ix (Ö.A.Z. ix).

1889. *Monte del Forno* and *Monte Rosso*, 16/viii ; *Pizzo Torrone Orientale*, 17/viii (S.A.C.J. xxvii. 208–14) ; M.A.V. 1889, p. 237) ; *Zwölfer*, 3rd ascent, by Simon and Reischl's route, 29/viii (E. iii. 522) ; *Paternkofel* and all 3 of the *Drei Zinnen* in a single day, 30/viii (Ö.A.Z. 1889, p. 231 ; M.A.V. 1889, p. 237 ; E. iii. 513, 516).

1890. Attempt on W. face of *Dreischüsterspitze*, 15/vi (E. iii. 504) ; *Joch Bullele* and *Oberbächerjoch*, 17/vi ; 1st ascent of *Monte Giralba* (and attempt on *Klein Zwölfer*), with L. Darmstädter, 18/vi (xv. 315, 369, 441 ; E. iii. 533 ; Ö.A.Z. 1890, p. 180 ; 1891, pp. 96–7). Attempt on *Fünffingerspitze* (by Schmitt-Kamin), 20–21/vi (xvi. 214).

Piz Fora (new ascent by NE. face), 2/vii ; *Piz Tremoggia* (new ascent by N. face, 2nd descent by SW. arête), 4/vii ; *Monte di Scerscen* (new route up NW. face), 9/vii ; *Piz Roseg* (new ascent, never repeated, from Tschierva glacier, after an attempt 11/vii), 16/vii ; *Piz Bernina* (reached the Bernina scharte by a new route up NE. face, did not complete the ascent owing to storm, descent by *Pizzo Bianco*, W. face, also new), 18/vii (xv. 313–15). He read a paper before the Club on the last 3 expeditions, xv. 461, reprinted in 'The Climbs of Norman Neruda', chap. iv (see also Ö.T.Z. 1890, pp. 197–8). First complete traverse of *Gross Seehorn* and *Gross Litzner*, 24/vii (xv. 315 ; E. ii. 16 ; paper, Ö.A.Z. xiii. 207, reprinted ; 'Climbs', chap. iii ; notes by Chr. Klucker, Schw. Alpenzeitung, viii. 169). *Triftjoch*, 29/viii ; attempt on a new route up the N. face of *Dent Blanche*, 31/vii ; 1st traverse of the *Wellenkuppe-Gabelhorn* ridge, 1/viii (xv. 306 ; paper, M.A.V. 1891, pp. 146, 158) ; *Lyskamm* (new ascent by N. face), 9/viii (xv. 307, 441 ; paper, Ö.A.Z. xiii. 75, reprinted ; 'Climbs', chap. ii) ; *Dom* (partly new descent), 12/viii (xv. 369, xvi. 63) ; *Dent Blanche*, by S. arête, 16/viii ; *Jägerhorn* and *Jägerjoch* (2nd passage to Macugnaga), 23/viii (xv. 369) ; return over *Cima di Jazzi*, 27/viii. Attempt on *Riffelhorn* from Gorner glacier with H. F. M. Schintz, 31/viii.

His complete itinerary for the season in M.A.V. 1890, pp. 260–1 ; see also Schw. Alpenzeitung, viii. 168–9, 192, 195.

1891. Climbed at and near Zermatt ; several of his expedi-

tions were made with Miss M. Peyton, among them a new ascent by SE. ridge of the *Pointe de Zinal* ('Climbs', chap. v).

Made the 3rd ascent by a new route from the N. (2nd ascent was made on the same day 20 minutes earlier) of the *Fünffingerspitze*, 4/ix Ö.A.Z. 1891, p. 223; he described the expedition, Ö.A.Z. xvi. 194, and read a paper on it before the Club, xvi. 213, (reprinted 'Climbs', chap. vi).

Also ascended the *Cimone della Pala* and *Cima Vezzana*, 8/ix; *Cima di Canali*, 10/ix; *Sass Maor* and *Cima della Madonna*, 12/ix, with L. Friedmann, without guides (Friedmann, Tourenberichte, Ö.A.Z. 1891, p. 253); and the *Croda da Lago* alone.

Lists of his and Miss Peyton's climbs, Ö.A.Z. 1892, pp. 34–5.

1892. *Cima di Val di Roda*, by a new route, and *Campanile Val di Roda*, 15/vii (Ö.A.Z. 1894, p. 159; M.A.V. 1893, p. 176; E. iii. 423). 1st ascent of the *Sasso di Campo* (D. Diamantidi reached the summit at the same time by a different route), 18/vii (Ö.A.Z. 1892, pp. 268–9; M.A.V. 1893, p. 176; E. iii. 428). *Cima del Rifugio*, alone; *Cima di Brenta*, without guides, 25/vii (Ö.A.Z. 1892, p. 299). *Rothorn*, with L. Friedmann, without guides, 4/viii (Ö.A.Z. 1892, p. 212); *Dent Blanche*, alone. (He wrote a paper on the latter expedition, Ö.A.Z. xvi. 175, reprinted 'Climbs', chap. vii.)

List of expeditions, Ö.A.Z. 1893, p. 34.

1893. Made the following expeditions with Mrs. Neruda, without guides, except in one instance, and in most cases with no other companion: *Cima Cuseglio*, 9/vi; *Cima di Ball*, 15/vi; *Cimon della Pala* and accidental new descent of *Cima delle Comelle*, 27/vi (E. iii. 410–11; 'Climbs', chap. x); 1st ascent of *Cima Wilma* (with guide), 6/vii (E. iii. 427; 'Climbs', chap. viii); *Figlio della Rosetta* (by a new route) and *Cima Cuseglio* (3rd ascent, by H. J. T. Wood's route, descent to Forcella Cuseglio, a route once previously *ascended*), 19/vi (E. iii. 422; 'Climbs', chap. ix); *Campanile di Pravitali* (*Pradidali*) and *Cima di Pravitali* (2nd ascent, new descent), 12/viii (E. iii. 416, 424; 'Climbs', chap. xi; see xvi. 522–3; Ö.A.Z. 1893, pp. 205–8); *Campanile di Val di Roda* (with a variation) and *Cima di Val di Roda*, 18/viii (xvi. 523); with Mr. and Mrs. L. Friedmann, *Pala di San Martino*, 5/ix, and *Fradusta*, *Pizzo di Miel* (1st recorded ascent), and *Coston di Miel*, 8/ix (xvi. 524; Ö.A.Z. 1893, p. 278).

He also made a new route up the *Sass Maor*, 26/viii (described

xvi. 523, as to which see E. iii. 640). Lists of his and Mrs. Neruda's expeditions, Ö.A.Z. 1894, p. 35.

1894. *Plattkofel* by a new route, alone, 12/vii (xvi. 263 ; Ö.A.Z. 1895, p. 218 ; Z.A.V. 1896, p. 316 (?)) ; *Fünffingerspitze* traversed (3rd ascent by the Schmitt Kamin, descent by the Daumenscharte or SE. route), alone, 16/vii. Many guideless expeditions with Mrs. Neruda, among them *Fünffingerspitze* by the Daumenscharte, 23/vii ; '*Eastliest*' *E.* and *W. Grasleitenspitze* (by partly new routes), 1/viii (xvii. 263) ; 1st ascents of the two highest *Valbuonköpfe*, 2/viii (xvii. 264 ; 'Climbs', chap. xiii, pp. 258–61 ; cf. Ö.A.Z. 1895, p. 98 ; M.A.V. 1895, pp. 32, 153) ; *Gr.* and *Kl. Valbuonkogel*, 3/viii (Ö.A.Z. 1895, p. 98) ; 1st ascents of *W.* and *E. Grasleitentürme* (Mrs. Neruda did not make this climb), 4/viii (xvii. 264 ; cf. Ö.A.Z. 1895, p. 98 ; M.A.V. 1895, p. 153, paper by L. Treptow) ; traverse of all the *Molignon* peaks, *Antermojakogel* and *Seekogel* ; *Rosengarten* (with a variation) ('Climbs', chap. xiii). Present at opening of Langkofel Hut, 8/ix (M.A.V. 1894, p. 252).

Lists of his and Mrs. Neruda's expeditions Ö.A.Z. 1895, pp. 34–5.

1895. A list of his expeditions (guideless ; most of them with Mrs. Neruda) is given for the last time Ö.A.Z. 1896, pp. 47–8. As in 1894, they are principally in the Grödner and Rosengarten groups, and include *Langkofel*, 1/ix ; *Grohmannspitze*, 4th ascent by Enzensperger's route, 2/ix ; *Fünffingerspitze* (3rd ascent from NW., 2nd traverse from NW. to SE.), 6/ix ; all with Mrs. Neruda and Mrs. R. Friedmann (Ö.A.Z. 1896, pp. 18–19). *Fünffingerspitze* by all 4 routes in a single day (up by S. route or Schmitt-Kamen, down by his own N. route ; up by NW. (O. Schuster's) route, down by Daumenscharte), 10/ix (M.A.V. 1895, p. 222 ; Ö.A.Z. 1895, p. 244, and 1896, p. 37 (paper by R. v. Arvay) ; a new ascent of the *Grohmannspitze* by the N. face, 17/ix (Ö.A.Z. 1896, p. 244 ; M.A.V. 1895, p. 255 ; Z.A.V. 1896, p. 308) ; 1st ascents of *S. Cima del Poppe* and *Punta del Mezzodi* (Ö.A.Z. 1896, p. 227) ; 2nd ascent of the *Vajolettspitze*. He wrote a paper, 'Die Fünffingerspitze als Typus eines Modeberges', Z.A.V. 1895, p. 120 ; reprinted 'Climbs', chap. xii ('A Modern Fashionable Peak'), on the ascents of 1891, 94, and 95. He had now begun on his monograph on the Rosengarten Group and from this time onwards spent every autumn till the end of October or November

—once staying till the end of January—at one or another of the Dolomite centres, making numerous ascents, among them that of the *Marmolata* at the end of Oct. 1897 ('Climbs', pp. 274, 276). His last recorded 'new expedition' was the 1st traverse (guideless) of the *Langkofeleck-Langkofel Grat*, 25/viii/1896 (Ö.A.Z. xix. p. 237; M.A.V. 1897, pp. 120, 153); and he made a new route on the *Coronellespitze*, with Mrs. Neruda and T. Christomannos, –/xi/1897 (Z.A.V. 1898, p. 370).

He was killed while making his 7th ascent of the *Fünffingerspitze* with Mrs. Neruda and a friend, 10/ix/1898 (xix. 268; M.A.V. 1898, p. 229; the accident is described by Mrs. Neruda in 'Climbs', chap. i, 'The Last Climb'). He had recently completed his arrangements for an expedition to the Himalaya in 1899 with Christian Klucker and Sepp Innerkofler.

The first part of his monograph on the Rosengarten Group appeared in Z.A.V. xxviii (1897), p. 293. He was unable to finish it owing to ill-health, and the second part was completed by other hands; he had partly supervised it at the time of his death, and it appeared in Z.A.V. xxix (1898), p. 361. He had also long contemplated bringing out a Complete Guide to the Dolomites. See M.A.V. 1894, pp. 49–50. As late as 1902 a Climbers' Guide to the Dolomites was announced as in preparation, by Mrs. Neruda, in the 'Gemmi to Mönchjoch' volume of the Bernese Oberland Guides, but it never appeared. Other articles by him were 'Ueber das Wesen der tecknischen Schwierigkeiten der Felskletterei', Ö.A.Z. xvii (1895), p. 113 (reprinted 'Climbs', chap. xvii); 'Die Alpinen Unglücksfälle des Jahres 1894', M.A.V. xxii (1895), p. 28, and 'Zur Beurtheilung Alpiner Unglücksfälle' (on Herr Kahl's accident; see xvii. 270), ibid., p. 156; a slashing review of J. S. Davies' 'Dolomite Strongholds', Ö.A.Z. xvi. 303; and a note on Herr Pensel's accident, xvii. 269.

'The Climbs of Norman Neruda', edited by Mrs. Neruda, was published in 1899, and reviewed xx. 65–9.

Francis Wells Newmarch

(Dec. 1889, C. 1901–3, d.m. 1918)

Born 29 Dec. 1853, Gainsborough. Son of Rev. Charles Francis Newmarch of Leverton, Lincolnshire.

Educated at home by his father, and Corpus Christi College, Oxford (Scholar); 1st Class in Classical Moderations, 1874; 1st

Class in Literae Humaniores, 1876. Coxed his College VIII and was for a time one of J. Ruskin's Road-menders.

Junior Clerk in Military Department of the India Office, 1877; Resident Clerk, 1884; Senior Clerk, 1892–1902; Secretary to Lord Onslow's Departmental Commission, 1896–7; Assistant Secretary to Financial Department, 1902–11; Secretary to Public Works Department, March–May, 1911; Financial Secretary, May 1911–1917 ('he filled the position with credit in a period of heavy and continued strain').

Joint Compiler of India Office Cypher Code.

C.S.I., 1914.

A keen ornithologist and an enthusiastic member of the Romany Dramatic Club.

Died unmarried 2 Jan. 1918. (Who's Who; In Memoriam, by R. W. Brant, with portrait, xxxii. 256; see also p. 282.)

Q. Alps 1883–5, 87–9 (travels and minor expeditions every summer since 1880).

1892. *Nollenhorn* from the E., with H. G. Broke and A. P. Harper, guideless, 16/vii (xvi. 267); *Unter Gabelhorn* with Brant and W. W. King, *Monte Rosa* with King, on successive days (xxxii. 256–7).

1893. Caucasus: arrived Batum, 7/vii; by Latpari pass to Betsho; attempt on S. peak of *Ushba*, 19/vii; new pass from Gul Kosh to Mestia (with J. G. Cockin (q.v.), G. A. Solly (q.v.), and H. Woolley (q.v.)), 23/vii (xvi, 524; Freshfield, ii. 247); 1st passage of *Kitlod* (*Tiktengen*) pass from Zanna glacier to Kitlod glacier, 26/vii (Freshfield, ii. 251); attempt on *Tiktengen* (night out), 28–9/vii (xvi. 525); expeditions from Kalde glacier to the *Adish Gap* and towards *Saddle Peak* (*Katuintau*), 4–5/viii, and towards *Janga Gap* (night out), 9–10/viii (Freshfield, ii. 256; xvii. 165–78). There were no guides with the party.

1894. Caucasus: with Joseph Collier and G. A. Solly, without guides, made the 1st ascent of *Bak Peak*, 23–4/vii (xxiii. 55); a variation by the Chalant glacier of the pass of 23/vii/1893, 28/vii; and attempts, frustrated by bad weather, on *Svetgar* and *Ushba*, S. peak; with Solly, 1st ascent, and traverse from Latal to Lentschi, of *Mashkin*, 7–9/viii (xvii. 265–6).

1895. Again visited the Caucasus, with J. G. Cockin, but they were unable to accomplish any climbing.

1908. *Barre des Écrins* traversed, with R. R. Howlett (xxxiii. 139).

Made many guideless expeditions, mostly in the Central and Eastern Alps, with P. A. L. Pryor, chiefly in the years 1905–10 (xxviii. 259).

James Henry Kerry-Nicholls

(April 1886, d.m. 1888)

F.R.G.S., 1885. Travelled extensively in all parts of the world. In 1876 he read a paper on the New Hebrides before the British Association at Glasgow. In the same year was associated with Mr. Edwin Arnold and Colonel James Augustus Grant (D.N.B.) in drawing up a pamphlet on 'A Project for an Overland Telegraph through Africa, connecting the South African Colonies with Khartum', which was submitted to the King of the Belgians at the Geographical Conference at Brussels (see G.J. xxi. 622, xxii. 25–6; n.s. vol. i); and in 1877 gave an account of the project at a meeting in aid of the African Exploration Fund at the Mansion House (ibid. xxi. 615).

In 1883–4 made a long journey through the central portion of the North Island of New Zealand, then occupied by the Maori and almost unknown to Europeans.

Died in New Zealand, 1888.

Q. Author of 'The King's Country or Exploration in New Zealand'. 1st ascents of Mt Ruapehu, Mt Tongariro (active volcano), Mt Tanhara, Mt Te Aroha; Southern Alps of Australia; volcano in Tamna Island, New Hebrides; Fujiyama (to snow line); Sierra Nevada, California; Rocky Mountains, 10,000 ft.

Rev. Francis Edward Nugee

(Dec. 1881, resigned 1900)

Born June 1855. Son of Rev. Andrew Nugee of Wymering, Hants.

Married 1887 Edith Isabel, d. of Rev. George Alston of Studland, Wareham.

Educated Eton (Football XI, 1872–3) and Balliol College, Oxford; 3rd Class in Classical Moderations, 1876; 3rd Class in History, 1878.

At Cuddesdon Theological College, 1878–9. H.O., 1879. Curate of Roath, Cardiff, 1879–87. Vicar of Sneinton, Notts., 1888–95. Rector of Shelton, Notts., 1895–8. Vicar of Croxton-Kerrial, Grantham, 1898–1903. Rector of Muston, Nottingham, 1903. Rural Dean of Framland, 1906–13. Honorary Canon of Peterborough, 1913. Vicar of St. Martin's, Leicester, 1913–18. Rector of Shangton, Leicester, 1918.

Q. Alpine.

1883. *Aletschhorn*, new descent by NW. face, 31/viii (note by him, xi. 415).

Rev. William Henry Paine

(Dec. 1884, resigned 1893)

Born 23 April 1863. Son of William Stephen Paine and Annette Farques.

Married 1895 Georgina Clarice, d. of Lieut.-Colonel Morton Parker Eden, R.A., and niece of C. C. Eden (vol. i).

Educated Winchester and Magdalen College, Oxford; 3rd Class in History, 1885.

In a solicitor's office in London, 1885–95.

H.O., 1895. Curate of St. Thomas, Bishop's Wearmouth, 1895–9; St. Werburgh, Derby, 1899–1904; St. Anne, S. Lambeth, 1904–7.

Q. Alps 1880–4.

1883. 2nd ascent of *Aiguille de la Fenêtre*, 1/viii (Kurz, 1st ed., p. 7; the 1st ascent was in 1881, see Kurz, 2nd ed., pp. 11–12).

1884. With Miss Paine, new ascent of *Weissmies* by N. arête, 25/viii (xii. 123).

Marquis Alfred de Pallavicini

(May 1879, d.m. 1886)

Born 26 May 1848, Oedenburg. Son of Marquis Hyppolit de Pallavicini and Caroline Countess Erdödy.

In 1866 joined the Austrian Chasseurs (Alpenjäger) and served through the Italian campaign. At the end of it he retired from active service and entered the Regiment of Tirolese Kaiserjäger as a Reserve Officer.

Was a noted billiard-player and pistol-shot.

Made a tour round the world in 1872–3.

Died 26 June 1886 (see below). (In Memoriam, by J. Meurer, Ö.A.Z. viii. 164.)

Q. Alps 1876–8.

Was a prominent member of the Ö.A.C. On the Library Committee 1881, and served on G. Gröger's (q.v.) Special Committee for distributing Ordnance Maps among the leading guides in the Eastern Alps, 1879 (Ö.A.Z. i. 265, ii. 62), but his friend Meurer says regretfully that, unlike most of the members, he kept no records, and wrote nothing of his climbs. He went up the *Rothorn* in 1877 and see 1879 ; but his climbing was almost wholly confined to the Eastern Alps. Was fond of making fancy routes up the *Rax Alp*.

1876. *Gross Glockner*, new route direct from the Pasterze glacier, 18/viii (xiii. 54 ; E. iii. 183 ; Ö.A.Z. ii. 30). An expedition which has never been repeated.

1878. See J. Meurer.

1879. Attempts on *Grosse Bischofsmütze*, 12–15/vi, and 1st ascent of *Kleine Bischofsmütze*, 16/vi, an expedition which in 1893 had only once (1889) been repeated (E. i. 352–3 ; Ö.A.Z. iii. 267). With J. Meurer and B. Wagner von Freynsheim (q.v.), *Col du Géant*, 22/vii ; *Mont Blanc*, 25/vii. With Meurer represented Ö.A.C. at International Congress at Geneva.

1880. *Torstein* and *Dachstein* in a single day (3rd time this was done), 3/ix (E. i. 333 note ; Ö.A.Z. ii. 251).

1881. 1st ascent of the *Hochschwab Turm*, 20/vi (E. i. 404).

1885. *Kleine Buchstein*, 10/ix (E. i. 391–2 ; Ö.A.Z. 1885, p. 260).

1886. Was killed on the *Glocknerwand*, 26/vi (xiii. 54, 100 ; E. iii. 188 ; Ö.A.Z. 1886, pp. 164–73 and 182–4).

Alfred William Parsons, R.A.

(June 1880, resigned 1914)

Born 2 Dec. 1847, Beckington, Somerset. Son of Joshua Parsons, M.R.C.S.

Educated private schools.

Clerk in the Savings Bank Department of the General Post

Office, 1865–7, and studied drawing in the evenings at Heatherleys and the S. Kensington Art Schools. Then left the Civil Service, returned to Somersetshire, and devoted himself to landscape painting, working from nature without masters.

First exhibited in 1868, and in the Royal Academy in 1871; since then exhibited continuously at the Royal Academy from 1874, and frequently at the Grosvenor Gallery, New Gallery, &c.

Was elected a member of the Committee of the General Exhibition of Water-Colour Drawings, 1879; on the dissolution of that Society, joined the Royal Institute of Painters in Water-Colours.

His picture, 'The White Frost', exhibited at the Royal Academy, 1883, afterwards obtained a *mention honorable* in the Paris Salon. 'When Nature painted all Things Gay' (Royal Academy, 1887) was purchased by the Council under the terms of the Chantrey bequest.

Was awarded a Gold Medal for Water-Colour and Silver Medal for Oil Painting at the Paris Exhibition, 1889; medals for Oil and Water-Colour Painting at the Chicago Exhibition; and a Gold Medal (2nd Class) at the International Exhibition of Pictures at Munich, 1893.

In 1892 he visited Japan, and the results of a stay of 9 months there were exhibited in New York and Boston, U.S.A., and at the Fine Art Society's Gallery in London. He published an account of this tour, 'Notes in Japan' (illustrated by himself, 1896).

Illustrated Selections from Herrick (1882), 'She stoops to Conquer' (1887), 'Old Songs' (1889), and 'The Quiet Life' (1890), all in conjunction with Edwin Austin Abbey, R.A.; and alone 'The Warwickshire Avon', 'Wordsworth's Sonnets', and 'The Danube from the Black Forest to the Black Sea' (a journey made with the author, Francis Davis Millet, in 1891); also Harper's Magazine.

Gardens and flowers were his favourite subject in landscape. He was also a keen and expert gardener and a judge at the Chelsea Flower Show; designed many gardens with skill and success.

A.R.A., 1897. R.W.S., 1905; President, 1914–20. R.A., 1911.

A Director of Raphael Tuck & Sons, Ltd.

Died unmarried 16 Jan. 1920. (Who's Who; The Times.)

Q. Alpine; *not* artistic.

Served on the Exhibition Sub-Committee from its foundation. A frequent contributor to the Club Picture Exhibitions; paintings by him are noticed in A.J., in 1887, 93 ('Fujiyama', xvii. 80), 94, May 1898 (when the exhibition consisted entirely of works by him and John McWhirter, R.A.; see xix. 207), and Dec. 1898 and 1900.

Wrote In Memoriam notice of Sir Alfred East, xxviii. 48.

Charles Henry Pasteur

(Dec. 1890, C. 1925)

Born 16 Nov. 1869, Walton-on-Thames. Son of Henri Pasteur (vol. ii) and Caroline Emma, d. of Professor Francis Marcet, F.R.S., and sister of W. Marcet (vol. ii); brother of W. Pasteur (q.v.).

Married 1897 Emma Constance Elliot, d. of Harold Barkworth, J.P., of Beverley.

Educated Winchester and Trinity College, Cambridge; B.A., 1891.

In South Africa with H. Pasteur in 1893 and again in 1894.

On the London Stock Exchange from 1896. Partner in the firm of Messrs. Francis Birch & Christian.

Q. Alps 1883–90.

1890. 1st ascent (and traverse) of *La Nonne* (Moine ridge), with Miss Pasteur, Miss M. Pasteur, and C. Wilson (q.v.), 23/vii (xv. 329).

1891. See G. H. Morse.

1892. With E. Carr (q.v.), C. Wilson (q.v.), Miss Pasteur, and Miss M. Pasteur, without guides, 1st ascent of *L'Évêque* (Moine ridge), 7/viii (xvi. 265); with Carr, J. N. Collie, A. F. Mummery, W. J. Petherick, Miss Pasteur, and Miss Bristow, without guides, *Aiguille des Charmoz*, 23/viii (Mummery, pp. 110–19); 4th and 1st guideless ascent of the *Aiguille de Grépon* (by H. Dunod's route), with Wilson, Morse, and J. H. Gibson (Mummery, p. 140); 5th and 2nd guideless ascent and 1st traverse of the *Aiguille de Grépon*, with Mummery, Collie, and G. Hastings, 18/viii (Mummery, p. 140); *Aiguille du Dru*, with Carr and Collie, 28/viii; Skye.

1895. See G. H. Morse.

William Pasteur

(Dec. 1879)

Born 1855, London. Brother of C. H. Pasteur (q.v.).

Married 1890 Violet Mabel, d. of Colonel Robert Sellon, Bombay R.E.

Educated The Philberds, Maidenhead; University College, London (Matriculation London University (with 1st Class Honours), 1874); University College Hospital; and Vienna. M.R.C.S. 1880. M.D., 1884. F.R.C.P., 1891. Served as House Physician at University College Hospital. Consulting Physician (formerly Physician) to the Middlesex Hospital, and to the Queen's Hospital for Children. Served in the European War, 1914–18, as Consultant Physician to the British Armies in France; mentioned in dispatches. C.M.G., 1918; C.B., 1919. Late Colonel A.M.S.; Colonel R.A.M.C. (T.), retired.

Q. Alpine.

1879. With H. Pasteur, *Grivola*, *c.* 10/viii (Yeld, p. 32); *Mont Blanc* traversed by T. S. Kennedy's route, with the same, C. E. Mathews, and F. Morshead, 14/viii (Annals, p. 215; C.A.I. Boll. xiii. 580). Present at International Alpine Congress at Geneva.

1882. Ascended the *Hochschwab* with J. Meurer and a large party of Ö.A.C. on Whit Sunday (Ö.A.Z. 1882, p. 147).

1–4/viii, one of the features of this gathering was a fête given by his father on the evening of 1/viii to all the members of the Congress, in his beautiful grounds of Grand Sacconnex, near Geneva. See ix. 334 (by C. E. Mathews); S.A.C.J. xv. 620.

Rev. Hubert Mornington Patch

(Dec. 1882, d.m. 1902)

Born May 1841. Son of T. Patch of Dorchester.

Married 1869 Emily Stuart, d. of William Secretan Wodehouse of Abergavenny.

Educated Uppingham and Clare College, Cambridge; B.A., 1862.

H.O., 1864. Curate of Lower Brixham, 1864–6; St. Luke's,

Torquay, 1866–7 ; Curate-in-Charge, St. Michael's, Torquay, 1869–85.

Vicar of Coggleshall, Essex, 1886–91. Vicar of St. Mary's, Charterhouse, E.C., 1891–1902, where his church was the centre of effort for the good of factory girls.

Died 16 Sept. 1902. (The Times ; Church Times.)

Q. Alpine.

Member of N.T.F.

1883. See H. W. Majendie.

1884. *Rothorn* ; *Mönchjoch* (U. Almer).

Arthur Ashley Pearson

(Mar. 1877, resigned 1912 ; re-elected Feb. 1914, resigned 1916)

Born 14 Nov. 1847. Son of Sir Edwin Pearson, F.R.S., and Alicia Anne Hewitt, d. of 3rd Viscount Lifford.

Married 1880 Margaret Hyde, d. of Edward Hyde Greg of Quarry Bank, Cheshire.

Educated Rugby.

Entered the Colonial Office, 1867. Principal Clerk 1895.

Assistant Private Secretary to Earl of Carnarvon, 1874–8 ; to Sir Michael Hicks-Beach, 1878. Private Secretary to Earl Cadogan, 1879–80 ; to Sir M. E. Grant Duff, 1880.

Represented the Crown Colonies at the London Conference on Postage within the British Empire, 1898. One of the British Delegates at the Brussels Sugar Conference, 1901–2. C.M.G., 1902. Appointed 1903 one of the Assistant Delegates for Great Britain on the Permanent Commission established at Brussels under the Sugar Bounties Convention. Retired Dec. 1906.

Q. Alpine.

Original Member of the Climbers' Club.

1873. *Mont Blanc*, 19/viii.

1874. *Cima di Jazzi*, new route from Macugnaga by NE. arête, 16/viii (viii. 51, xi. 199).

1898. Made a new ascent of the *Wittwe*, went on to the *Mauvaise Poupée*, and thence reached the *Hohstock* by a new route (guideless) (xix. 250 ; Bernese C.G., pp. 157, 160).

Letter on Lord Bryce and Ararat, xxxiv. 489 (cf. ibid. p. 307).

Paul Perret

(Dec. 1883, resigned 1909)

Born 1 Aug. 1856, Paris. Son of François-Joseph H. Perret, conseiller d'État, and Félicie, d. of Félix Barthe, Minister of Justice in the Casimir Périer, Montalivet, and Soult Cabinets in the reign of Louis-Philippe. His family was originally of Savoy.

Married 1880 Mary, d. of Mr. Justice O. Pille.

Educated at Condorcet. Fellow of the Faculté de Droit in Paris.

Avocat, attached to the 'Cour des Comptes', Paris.

Died 27 Oct. 1911.

Q. Alpine.

Member of C.A.F., Paris Section, 1879; Mont Blanc Section, 1883.

1879. Made the 1st recorded ascent of the *Tête de l'Âne* (Rochers des Fiz), –/ix. Discovered his 'Col de la Dent Blanche', 17/ix (see below).

1880. Attempt on 2nd summit of *Dent du Midi*, with Powell, 3/ix. (He wrote a paper, C.A.F. Ann. 1880, p. 570, on this expedition and those of 1879. See Bull. 1882, p. 17.) 1st attempt on *Mont Ruan* (see 1881).

1881. *Col de la Dent Blanche* (Val de Susanfe to Val de Sixt by the Dents Blanches), 3/viii; *Mont Ruan* from Col de Sageroux (2nd recorded ascent), 7/viii; *Pointe de Tanneverge* traversed (2nd recorded ascent from Col de Sageroux), 19/viii. Attempt on Mont Mallet from glacier des Périades, resulting in 2nd ascent of *Aiguille du Tacul*, 26/ix.

1882. *Aiguille des Petits Charmoz*, 18/vii; W. summit of *Petites Aiguilles du Triolet* (3rd recorded ascent; he had thought it was unclimbed) and *Col de Triolet*, with a variation, 19/vii; *Mont Mallet*, new route from glacier des Périades, 31/vii. (Paper on the expeditions of 1881 and 82, 'Autour de Sixt et de Chamonix', C.A.F. Ann. 1882, pp. 47, 75.)

1883. 5th ascent of *Dent du Géant* (it was climbed the same day by J. W. Hartley), 4/vii (Schw. Alp. Ztg., p. 238; Ö.A.Z. v. 312; C.A.F. Bull. 1883, p. 272); attempt on the *Meije*, 19/vii (S.T.D. Ann. 1883, p. 80; C.A.F. Ann. 1885, p. 24); 1st

ascent of *Les Périades*, 27/vii (xi. 362); *Aiguille d'Argentière*, 13/ix (C.A.F. Bull. 1883, p. 272).

1885. *Aiguille d'Argentière*, 1st ascent by NW. arête (Kurz, p. 29, citing Lognan Travellers' Book; cf. C.A.F. Ann. 1885, p. 66; C.A.I. Boll. 1900, p. 38).

Félix Perrin

(Dec. 1882, resigned 1901)

Son of Félix Perrin (see S.T.D. Ann. 1875, p. 20; 1st list of members).

Merchant, Grenoble; later, a publisher in the same city.

Q. Alpine.

Member of C.A.F., Isère Section (1877); Assistant Secretary, 1877; General Secretary, 1878–81; Librarian, 1882–5; Member of C.A.I., Aosta Section; S.A.C.; La Montagna, Turin, and S.T.D. (1875); on Committee for collective excursions, 1876 (S.T.D. Ann. 1876, p. 14).

1876. *Pic de l'Étendard* (6th ascent), 31/vii; *Aiguille du Goléon*, 2/viii; attempt on *N. Aiguille d'Arves*, 3/viii (paper, S.T.D. Ann. 1876, p. 90); attempt on *Grand Pic de Belledonne*, 3/ix (S.T.D. Ann. 1876, p. 51); *Pointe du Grand Glacier de Gleyzin*, 8/x (S.T.D. Ann. 1876, p. 51; C.A.F. Bull. 1877, p. 25).

1877. *Colon*, with H. Duhamel (q.v.), 10/v (S.T.D. Ann. 1877, p. 65); S. summit of *Grandes Rousses*, 9/vii; *Pic de l'Étendard* and *Col des Quirlies*, 10/vii; present at the Alpine gathering on the Little S. Bernard, 29/vii–1/viii (C.A.F. Ann. 1877, p. 192; Bull. 1877); and at the Congress of the C.A.F. at Grenoble 12, 13/viii, and, with H. Duhamel, was one of the conductors of the caravan who ascended the *Chanrousse*, 14/viii (x. 445–7; C.A.F. Bull. 1877, p. 273; S.T.D. Ann. 1877, pp. 51–3); *L'Herpie*, 2/ix; *Grand Charnier*, with Duhamel, 9/ix.

1878. Arrived at S. Christophe, 23/vi, with H. Duhamel (q.v.), with whom he installed the apparatus for the meteorological station set up by Isère Section, 22, 23/vi; *Col de La Muande*, 24/vi; *Sommet des Rouies* (3rd and 1st French ascent), *Col des Rouies* (2nd passage), 25/vi; went up *Tête de la Maye* to settle the line of the path to be made by Isère Section, 26/vi; 1st ascent and passage of *Pointe du Vallon des Étages* and *Col de la Lavey*,

28/vi. (He wrote a joint paper with A. Salvador de Quatrefages on these expeditions, 'Courses sur les glaciers du Dauphiné', C.A.F. Ann. 1878, p. 71 ; cf. Bull. 1878, pp. 66–7.) Represented C.A.F. at Congress of C.A.I. at Ivrea, 24–6/viii (C.A.I. Boll., p. 141); speech, ibid. pp. 199–200. Ascended *Mont Aiguille* (the ascent of which the Isère Section had resolved to facilitate), 13/ix. (Paper, 'Travaux du Mont A. Ascension de cette Montagne', C.A.F. Ann. 1878, pp. 630–6.)

1879. *Col des Sellettes*, 7/vii ; *Col du Sellar*, 8/vii ; *Col de la Temple*, 10/vii ; *Col du Clot des Cavales*, 11/vii ; *Grande Ruine* and *Col de la Casse Déserte*, 12/vii. (He read a paper to the Isère Section on these expeditions, 'Impressions et Souvenirs d'un Voyage en Oisans', printed C.A.F. Ann. 1880, p. 23 ; see Bull. 1880, p. 57.)

1880. Winter expeditions in the Grande Chartreuse district, described in a letter to the Rassegna di Alpinismo, p. 131.

1882. Took part in 1st ascent of *Grande Lance d'Allemont*, but through indisposition was obliged to stop quarter of an hour from summit, 25/vi (S.T.D. Ann., p. 118 ; C.A.F. Ann., p. 109) ; *Pic Coolidge* (3rd and 1st French ascent), 15/vii ; *Col d'Ailefroide* (2nd passage), 17/vii ; *Barre des Écrins* (21st ascent and 4th traverse), 2/viii. He wrote a paper, 'Le Barre des Écrins en 1882', C.A.F. Ann. 1883, p. 3, describing these expeditions and the topography and Alpine history of the mountain, and added a note on the etymology of its name (ibid. p. 680). See xi. 422.

1883. See S.T.D. Ann. 1882, pp. 79–88. Winter ascent of *Tête des Fétoules*, 24/xii (ibid. p. 88 ; Bull. 1884, pp. 44–6).

1884. 1st passage of *Col du Plaret*, 27/vii (xii. 116).

1885. 1st passage of *Col de la Combe de la Valette*, 16/viii.

1889. 1st ascent from the N. of the *Brèche des Frères Chamois* and 1st ascent (practically, it was not quite completed owing to want of time) of the *Ailefroide* by the W. arête, 3/viii (xiv. 479 ; S.T.D. Ann. 1889, p. 50 ; Rev. Alpes Dauph. i. 230–1).

1890. *Tête de Lauranoure*, W. (highest) summit, 18/vii (S.T.D. Ann., p. 96).

1892. *Le Plaret* and *Tête de Cheret*, with Mme F. Perrin (S.T.D. Ann. 1892, pp. 123, 136). Took an active part.

1893. (See S.T.D. Ann., pp. 71, 84.) *Col de Freydane*, with Mme F. Perrin, 9/vii (S.T.D. Ann., p. 71) ; traversed the *Meije* from Villar d'Arène to La Bérarde ('passage direct sous la Meije

Centrale', 68th ascent, 3rd traverse from N. to S.), 15/vii. He wrote a paper on the expedition, 'Le Grand Hôtel du Promontoire', Rev. Alpine, ii. 73–90. *Pic de Combeynot*, 13/viii (S.T.D. Ann., p. 98).

1895. On glacier du Mont de Lans with a large party, 3/vi (S.T.D. Ann., p. 80) ; ascent of the *Grand Rochail*, 7/vii, described by G. Flusin, Ann. Alp. Dauph. 1895, pp. 19–26. *Col du Clot des Cavales*, 11/ix ; *Roche du Grand Galibier*, 13/ix ; *Croix de Belledonne*, 15/ix, with W. A. B. Coolidge (xvii. 555 ; S.T.D. Ann. 1895, p. 115, and see pp. 80, 96).

1897. *Col de la Lauze*, 7/vi (S.T.D. Ann. 1897, p. 80).

John East Hunter Peyton

(March 1877, resigned 1908)

Born 23 March 1841. Son of John Joseph Wakehurst Peyton, Lieutenant, 2nd Life Guards, of Wakehurst Place, Sussex, and Marianne Gilbertha, d. of Sir East George Clayton-East, Bt.

Married 1866 Sophia Henrietta, d. of Frederick Henry Lindsay, of the Commander-in-Chief's Office, Horse Guards. Father-in-law of L. Norman Neruda.

Joined 60th Royal Rifles, 1857 ; Lieutenant, 1860 ; retired 1863 or 64.

Q. Alpine.

Colin Bent Phillip

(Feb. 1884)

Born 20 Dec. 1855. Son of John Phillip, R.A. (D.N.B.).

Married 1877 Mary Louisa, d. of Commander W. Grant Douglas, R.N.

Educated Wimbledon, Biebrich, and St. Andrews University. Studied drawing at the Lambeth School of Art (1876) and at Edinburgh as a pupil of David Farquharson, R.S.A.

Artist. Exhibited at the Royal Academy, 1882–6 (12 pictures in all, mostly Scottish mountain landscapes) and 1898 (Alpes Maritimes from Bordighera).

A.R.W.S., 1886 ; R.W.S., 1898.

Q. Alpine and Artistic.

Member of F.R.C.C. ; V.P., 1910–11. Original Member of

S.M.C. ; present at meetings of 11/ii and 11/iii/1889 ; C., 1890–1 ; V.P., 1896–8.

Made many contributions to S.M.C.J., including the following papers : 'Knoydart' (1882 and later), i. 265 ; 'Adventure on Sgurr na-h-Ullaidh' (–/iv/1887), i. 115 ; 'The Highlands of Galloway' (1888 and earlier), i. 161 ; 'The Streaps and Sgurr Ghuibh Sachan' (–/vi/1893), iii. 65 ; 'Traverse of Ross-shire from Beauly to Loch Carron viâ Sgurr na Lapaich, &c.' (with W. Douglas and others (–/vi/1894), iii. 126 ; 'Notes on the Scenery of some Scottish Lochs', xi. 126, and wrote a paper 'Early recollections of the Lake District' (1876, 81, and 89), F.R.C.C.J. ii. 43.

A frequent contributor to the Club Picture Exhibitions : paintings by him are noticed in A.J. in 1883, 84, 85, 89, 91, 93, 94, 98, 1900, 03, 04, 06. Drew the view of Tryfaen in W. P. Haskett-Smith's 'Climbing in the British Isles', ii. 44.

Made the following contributions to the S.M.C. Guide Book. Southern Highlands Group : (23) Beinn a Bheither–Mountain of Lightning, vii. 105, 107. Eastern Highlands Group : (1) Creag Meaghaidh, vii. 246–8. Western Highlands Group : (3) The Streaps, viii. 200–1. (6) Meall Buidhe and Luinne Bheinn. (7) Ladhar Beinn (Larven), viii. 205–8. (13) Sg. Fhuaran, viii. 266. (16) A'Ghlas Bheinn. (17) Bein Fhada (Ben Attow). (18) Sg. nan Ceathram hnan, viii. 273–6. (20) Sg. na Lapaich, viii. 279–81. (22) Maoile Lunndaidh, viii. 322–3. Northern Highlands Group : (10) Fionn Bheinn, ix. 98. (12) Beinn Dearg, ix. 134–5. (17) Ben Hope, ix. 200–2. Southern Uplands Group : (1) The Galloway Hills, ix. 264–71.

Wrote In Memoriam notice of A. Williams, A.J. xxii. 457.

Lawrence Pilkington

(Feb. 1878, C. 1886–9)

Born 17 Jan. 1855. Son of Richard Pilkington of Windle Hall, Lancashire, J.P., and Anne, d. of Richard Evans of Haydock. Brother of C. Pilkington, uncle of E. F. Pilkington.

Married 1890 Mary Gavin, d. of Archibald Stevenson of South Shields.

Educated Mr. Alexander Stewart's School, Blackheath.

Mining Engineer. A director of the Clifton and Kersley

Collieries, near Manchester, and of the Pilkington Tile Pottery Co., in partnership with his brothers.

Author of 'Thoughts in Hospital'; 'Tattlefold, a tale of a Lancashire colliery village in mid-Victorian times'; 'An Alpine Valley and other Poems' (1924; reviewed xxxvii. 200). An artist.

Q. Alps 1872, 74 (all with his brother Charles (q.v.), in vol. ii).

1878. With F. Gardiner and C. Pilkington, without guides, *Monte Viso*, 9/vii; *Col dell' Agnello*, 10/vii; 1st ascent of *Les Arcas*, 12/vii; *Pic des Aupillous*, 2nd ascent by a partly new route, 14/vii; 1st ascent of *Jocelme* (Les Bans group), 15/vii (ix. 357, x. 138); *Mont Pelvoux*, 17/vii; *Barre des Écrins*, 13th and 1st guideless ascent, 18/vii; *Pic Coolidge*, 2nd ascent, new route, 21/vii; *Col du Sélé*, 23/vii; 1st ascent of the highest *Aiguille du Soreiller*, 24/vii; 1st passage of the *Col de Chalance*, 28/vii; *Col des Sellettes* and 2nd ascent of *Cime du Vallon*, 29/vii; 1st ascent of *Roche d'Alvau*, 31/vii; *Râteau*, 3rd ascent, new route, 2/viii; *Col de la Lauze*, 3/viii (ix. 90–2, 219–34; S.T.D. Ann. 1878, p. 74).

1879. With the same, without guides, *Aiguille du Plat*, 4th ascent, 7/vii; *Col des Berches*, 9/vii; *Col de la Vaurze*, 10/vii; 1st ascent of *Pic Jocelme* (Bonvoisin group), 12/vii; and of the *Chaillol Cone* and the W. (highest) summit of the *Jumeaux de Chaillol*, 15/vii; Central summit of *Pic d'Olan*, 4th ascent, 17/viii; *Col du Says*, 19/vii; 4th and 1st guideless ascent, by a partly new route, of the *Meije*, 25, 26/vii (ix. 411); *Col du Clot des Cavales*, 28/vii. With Gardiner only, 1st passage of *Col Tuckett* and 2nd ascent by a new route of the *Montagne des Agneaux*, 30/vii; 1st ascent of *Pic Bonvoisin*, 1/viii; *Pas de la Cavale*, 2/viii; 1st ascent of *Pic de Verdonne*, 3/viii; *Sirac*, 3rd ascent, 4/viii (Dauphiné C.G., p. 226); *Col des Navettes* (1st recorded passage by travellers), *Vieux Chaillol*, 5/viii (ix. 357–62, x. 141–6; S.T.D. Ann. 1879, p. 96; 1881, p. 86).

1881. With the same, without guides, *Sustenhorn* and *Tierälplijoch*; *Dammastock*; *Wetterhorn* (Rosenlaui to Grindelwald), 2nd guideless ascent; *Jungfrau* from the Wengern Alp, 1st guideless ascent by this route, 30/vii (x. 386–96; Studer, i. 185); *Finsteraarhorn*, 1st guideless ascent (Studer, i. 118); *Mönchjoch*; *Petersgrat*; *Gross Nesthorn* from Ried, viâ the *Beich* pass, descent

by *Gredetschjoch* (Studer, i. 370); *Matterhorn* (in one day from Zermatt); *Col d'Hérens*; *Col du Grand Cornier*; *Rothorn* traversed (x. 418–19).

1882. With C. Pilkington and G. E. Hulton, without guides, *Piz Kesch*, 1st guideless ascent (*c.* 1/viii); visited the *Sella* pass, 5/viii; *Piz Roseg*, 1st guideless ascent, 7/viii (Studer, iii. 134); *Piz Bernina*, 2nd ditto, 9/viii; *Monte della Disgrazia*, 1st guideless ascent, new route by NE. arête and face, 12/viii (xi. 121, 182, 245).

1889. With C. Pilkington and Horace Walker, *Federerkogel*, 25/vi; *Cima di Vezzana*; *Pala di S. Martino*; *Kleine Zinne*; *Monte Pelmo*; *Marmolata*. G. E. Hulton joined in the 3rd of these climbs; Mrs. C. Pilkington in the last two. See Ann. Alp. Trid. xv; Guides' Reports; and xxxii. 349.

Wrote In Memoriam notice of C. Pilkington, xxxii. 346–50.

British Isles: climbed in the seventies in the Lake District with C. Pilkington, Hulton, Gardiner, and others (ix. 221, xxv. 50–1).

1880. Skye: with C. Pilkington made the 1st complete ascent of the N. or Pinnacle ridge of *Sgurr nan Gillean* (Abraham, p. 16), ascended *Blaven* by the W. face; and made the 1st ascent of the *Inaccessible Pinnacle* of *Sgurr Dearg*, 18/viii (x. iii; Abraham, p. 177).

1882. 1st ascent of *Scafell* by *Deep Ghyll*, with C. Pilkington and Hulton (xxv. 50; F.R.C.C.J. i. 199).

1883. Skye: with Hulton and Horace Walker, *Bidean Druim nan Ramh*; *Sgurr Alasdair*; *Sgurr Dubh*; and the *Inaccessible Pinnacle* (xiii. 435–44).

In 1884 he was crushed by a fall of stones while climbing in the Scafell group, an accident which put a stop to his mountaineering for several years.

Major-General Sir Charles Herbert Powell, K.C.B.

(June 1890)

Born 23 Oct. 1857. Son of Captain William Wellington Powell, of the 9th Foot, and Elizabeth Sarabella, d. of Assistant Commissary-General Christopher Pecco. Brother of L. S. and W. W. R. Powell.

Married 1889 Alice, d. of James Mackenzie of Auchenheglish, Dumbartonshire.

Educated private school.

Entered the Army, 1876 : Bengal Staff Corps, 1880 ; Captain, Indian Army (1st Gurkha Rifles), 1887 ; Major, 1896 ; Lieut.-Colonel, 1902 ; Colonel, 1904 ; Major-General, 1907. Served in the Waziristan expedition under Sir William Lockhart, part of the time as D.A.A.G., 1894–5 (action at Wana ; mentioned in dispatches ; medal with clasp) ; on the NW. frontier of India under Lockhart, D.A.Q.M.G. of the Malakand Field Force, 1897–8, of the Buner Field Force, 1898 (operations in Bajaur and in the Mamund Country ; attack and capture of the Tanga pass ; mentioned in dispatches twice ; brevet of Lieut.-Colonel ; medal with clasp).

Served in China, 1900–1 ; on the Staff, including service as British Representative on the Staff of the Commander-in-Chief of the Allied Forces in the Chi-li province (medal). C.B., 1908 ; K.C.B., 1917.

Qualified as a Russian interpreter.

F.R.G.S., 1892.

Has travelled extensively. In 1899 left India by the Khagan valley, *Babusar* pass, Chilas, Bunji, Gilgit, Hunza-Nagar, *Mintaka* pass, Tagdumbash Pamir, over the shoulder of Mustagh-Ata (*Chickchiklik* pass) to Kashgar ; thence to Osh in Russian Turkestan and Andijan, then the terminus of the Central Asian Railway, and viâ Tashkent, Samarkand, Bokhara, Merv, Askabad to Krasnovodsk ; by sea to Baku, thence viâ Petrovsk, Rostov, Kishineff to Kieff and Warsaw.

1900. Pekin to the Great Wall and Kalgan ; at the taking of the Shanhai-kwan forts ; 1901, Manchuria ; by the railway (then under construction) to Tiekling. By sea to Vladivostok ; thence to Kharbazovsk ; up the Amur to Stretensk ; by construction railway to Hailar and back ; across Lake Baikal to Irkutsk ; thence across the Urals to Moscow.

1918. In Siberia : Harbin, Vladivostok.

1919. Through Formosa from N. to S. ; Hokaido ; thence to Kamchatka, where he travelled for 200 miles through the mountains in search of wild sheep.

1919–20. British Columbia : Vancouver Island, Lillouet district. California ; Grand Cañon, &c.

1925. Up the Yangtze-kiang to Chunking. Philippines. Malay Peninsula.

Q. Alps 1887 ; Caucasus 1889.

1887. See W. C. Slingsby. Also *Aiguille de Blaitière*, with H. Fox (q.v.). See xiv. 135.

1889. Caucasus : with C. T. Dent, D. W. Freshfield, and H. Woolley (q.v.), who joined the others at Vladikavkaz, was one of the search expedition made to ascertain the fate of W. F. Donkin (q.v.) and H. Fox (q.v.) (see Proc. R.G.S. x. 790). Left Vladikavkaz, 16/vii ; *Mamison* pass, 18/vii ; 1st passage of the *Zea* pass to St. Nikolai, 19/vii ; thence through Sadon and Kamunta and by three mule passes over the N. spurs of the Adai Khokh group to the foot of the Karagom glacier in the Urukh valley, 20–3/vii ; visited Freshfield's 1868 bivouac on the glacier and crossed the *Shtuli Vsek* pass to Karaoul, 24–5/vii ; Freshfield and Powell made a reconnoitring expedition up the hill N. of Karaoul to *c.* 11,500 ft., 27/vii ; the party then made the ascent from the S. of the *Ulluauz* pass, discovering, some 300 ft. below the pass, the last sleeping-place of Donkin and Fox, which brought the search to a close ; Powell made a sketch of the place, on which is based the well-known picture by H. G. Willink (reproduced xv. 26), now in the Club rooms, 28–9/vii ; back to Karaoul, 30/vii ; down to Balkar (where they parted from Woolley), 1/viii ; Bezingi, 2/viii ; the Missess Kosh, 3/viii ; 1st passage of the *Salynan Chiran* pass to Chegem, 6, 7/viii ; with Freshfield, 1st passage of '*Freshfield's* pass' to Uruspieh, 9, 10/viii (Dent, who reached Uruspieh by a lower pass, started for home, 10/viii) ; 1st passage of the *Akhsu* pass to Betsho, 11, 12/viii ; expedition up the Leila valley, 16/viii ; entertained by Prince Atar Dadish Kilian at Ezeri, 17–19/viii ; 1st ascent of the NW. (3rd) peak of *Laila*, 20/viii ; *Utbiri* pass from the Nakra to the Nenskra valley, 22, 23/viii ; *Jodisuk* pass to the Kodor valley, 24, 25/viii ; down the Kodor to Sukum Kaleh, 26–9/viii.

Powell's knowledge of Russian was of great value, particularly to the work of the Search Expedition.

See xiv. 432–6, xv. 26–39 (Dent) ; xiv. 436–45, xv. 237–54 ; Proc. R.G.S. (n.s.) xii. 260–86 (Freshfield) ; and Andreas Fischer's 'Zwei Kaukasus-Expeditionen'.

Legh Sylvester Powell

(Feb. 1882)

Born 8 Aug. 1855, at Versailles. Brother of C. H. Powell (q.v.) and W. W. R. Powell (q.v.).

Married 1900 Ethel Anne, d. of William Henry Kent, M.D., of Ballyvourney, Co. Cork.

Educated at a private school and a Pestalozzian school at Worksop; scientific training at the Royal School of Mines, London.

A research chemist. Was engaged as assistant to Dr. J. H. Gladstone, F.R.S., for four or five years; then became chemist—later superintendent of the Incandescent Lamp Department—at the Brush Electric Engineering Co. for about five years. During this period, in 1884, originated a process for manufacturing a homogeneous thread for carbon filaments, which consisted in dissolving cellulose in a solution of zinc chloride and in projecting the said solution through nozzles into methylated spirit. This process preceded by some years the introduction of artificial silk, which is manufactured on the same lines.

Between 1890–5 was manufacturing material for filaments by his process near Paris for a French company of lamp manufacturers. A year or two later joined as chemist the short-lived Nernst Incandescent Lamp Co., and worked there for two or three years.

M.I.E.E. (*c.* 1893); F.M.S.

Q. Alpine.

Member of S.A.C., St. Gotthard Section; C.A.I., Turin Section (Life Member); C.A.F., Paris Section.

1884. With J. A. Hutchison, without guides, 1st ascent and traverse of the *Giglistock*, 11/viii (xii. 266); 1st ascent of summit No. 4 of the *Fünffingerstöcke*, 16/viii; 1st ascents and passage of summit No. 3 of *Fünffingerstöcke*, the *Sustlijoch*, and the *Wendenhorn*, 18/viii (xii. 266–7, xx. 27–8, 120–1, where the identity of these peaks is explained).

1887. See W. C. Slingsby.

1890. 2nd ascent of the *Gletschhorn* by a partly new route, without guides, 1/viii (xv. 311). Query, *Cima Tosa*, *Brenta Alta* (Ann. Alp. Trid.).

1891. 1st passages of the *Ritzli* pass, 14/viii, and the N. *Gelmerlimmi*, 15/viii (xv. 547–8); variation on the *Unteres Gletschjoch* (xv. 548–9, xxii. 431; Bernese C.G., vol. iv, pt. i, p. 56; 'Club-Führer der Urner Alpen', ii. 120), 20/vii; 1st ascent and traverse of S. summit and new descent of highest summit of the *Hinter-Tierberg*, 29/vii (xv. 549; Bernese C.G., vol. iv, pt. i, pp. 94–6); 2nd passage of *E. Obertaljoch*, 1/ix (xvi. 115, xx. 120), all without guides.

1901. 1st passage of *N. Maasplankjoch*, 19/vii (xx. 539, xxii. 427); S. summit of *Hinter-Tierberg* by S. arête (new, xxii. 427; Bernese C.G., vol. iv, pt. i, p. 95)

1902. With W. Larden (q.v.), without guides, made a variation on the *Titlis*, 18/viii; a new combination of the *Tierberglimmi* and *Tierbergsattel*, 22/viii (xxi. 273, xxii. 428; Bernese C.G., vol. iv, pt. i, pp. 97, 104); *Fluhlücke*, 28/viii (xxii. 22–3); 2nd passage of the *E. Gwächten* pass, –/ix (xxii. 23; S.A.C.J. xxxix. 374); Bernese C.G., vol. iv, pt. ii, p. 83); *Wasenjoch* (*Wasenhornjoch*), 1st passage, and *Titlisjoch* (a new route from Meien to Engstlen Alp), 5/ix (xxi. 273, xxii. 26–8; Bernese C.G., vol. iv, pt. ii, p. 60). See Larden, pp. 206–13.

1903. *Bächlistock*. With Larden, repeated his passage of the *Unter Gletschjoch* (xxii. 432), crossed the *Winterlücke* and repeated the expedition of 5/ix/1902. With Larden and A. V. Valentine Richards, *Uri Rotstock*, *Wendenjoch* and *Wasenjoch* (xxii. 28); 2nd ascent of N. summit of *Wichelplankstock*, 31/viii (see S.A.C.J. xliv. 383). He wrote a paper on the first and last of these expeditions and the last three of 1902, 'The Meienthal', xxii. 20. See Larden, pp. 223–6. All without guides.

1904. Again crossed the *Unter Gletschjoch*, making some improvements in the route, 23/vii; and made a variation on the *Gwächtenlimmi*, 27/vii; both guideless. He wrote a paper on these and the pass of 1901, the expedition 22/viii/1902 (repeated 1904), and some others, 'Some Passes from the Göschener Alp and from the Windegg Hut', xxii. 425.

1907. See Larden (pp. 260–73).

1910, 1912. See Records of Expeditions.

Supplied many notes for Bernese C.G., vol. iv, parts i and ii.

Joint reviser of Section 25, Titlis District, in the revised edition of 'Alpine Guide', 'Central Alps'. Wrote a paper, 'Two Remarkable

Unsealed Rocks in Savoy', on the Pierre Menta and the Monolith of Sardières (xxxiv. 258–62).

Wrote (jointly) an In Memoriam notice of W. Larden (xxxiii. 115).

William Walter Richmond Powell

(April 1878)

Born 21 Sept. 1849. Brother of L. S. Powell (q.v.) and C. H. Powell.

Married, 1st, 1888 Louisa Yeatman, d. of Rev. William Stone, Canon of Canterbury ; 2nd, 1919 Henrietta Lucy, widow of Rev. Alfred Johnson Tuck of St. Leonards-on-Sea.

Educated at a private school at Bath.

Civil Service : entered the Post Office Savings Bank Department about 1870 ; a few years later was appointed to the Post Office Surveyor's Dept. Retired *c.* 1899.

Q. Alpine.

1879. *Alphubelhorn*, 1st ascent by the W. face, 8/viii (ix. 367). *Matterhorn*, with J. A. Hutchison, 13/viii ; this led to his writing a letter with reference to the death of the guide Joseph Brantschen, dated 7 Oct. 1879 (ix. 379 ; see further Ö.A.Z.).

Rev. Thomas Jones Prout

(June 1883, d.m. 1909)

Born 18 Aug. 1823, Edinburgh. Son of William Prout, M.D. (D.N.B.).

Educated Westminster and Christ Church, Oxford ; 3rd Class in Literae Humaniores, 1845. Rowed in the Christ Church VIII when Head of the River, 1844 ; and steered the winning Pairs 1843 and 44.

Student of Christ Church, 1842–1909. H.O., 1849. Tutor, 1851–61 ; Censor, 1857–61. Proctor, 1859. Vicar of Binsey, Oxfordshire, 1857–91.

F.G.S., 1855.

Died Oct. 1909. (The Times.)

Q. Alps ; Sinai.

1860. *Schwarzberg–Weisstor*, 23/vii (xxxi. 226).

1862. Feb. Visited Mount Sinai with R. St. J. Tyrwhitt

(vol. i) and made the 1st recorded complete ascent of *Om Shaumer*, the highest peak in the range. His notes of the climb (i. 205) are expanded by Tyrwhitt in an account of the tour in 'Vacation Tourists', iii. 327, 341 note.

Edmund de Quincey Quincey

(1888)

Partner in the firm of Richard Quincey & Son, general produce merchants, London.

F.R.G.S., 1892.

Q. Alps 1883, 85, 88.

Member of S.A.C., Geneva Section. Original Member of Climbers' Club.

1890. *Le Plaret*, 3/viii ; *Col de la Lavey*, 10/viii ; *Meije* ascent, 11/viii ; 1st ascent of Central (highest) summit of the *Vaxivier*, 15/viii (xv. 294) ; *Brèche de la Meije*, 18/viii ; *Col de la Lauze*, 20/viii (S.T.D. Ann. 1890, pp. 80–95, Itin., p. 101).

A very accomplished photographer.

Rev. Gerald Henry Rendall

(June 1890)

Born 1851, Harrow. Son of Rev. Frederic Rendall, Assistant Master at Harrow.

Married 1884 Ellen Fanny, d. of John Rendall, barrister.

Educated Harrow (Shooting XI, 1869–70) and Trinity College, Cambridge (Foundation Scholar, 1872) ; Bell University Scholar, 1871 ; Winchester Reading Prize, 1873 ; 4th Classic, and highly distinguished in the Examination for the Chancellor's Medals, 1874 ; Lightfoot Scholar, 1875 ; Hulsean Prize Essay, 1876 (see below).

Fellow of Trinity College, 1875–84. Lecturer and Assistant Tutor, 1876–81 ; Birkbeck Lecturer on Ecclesiastical History, 1879–81. B.D., 1909. Member of Cambridge Philological Soc. (First) Principal of University College, Liverpool, and Professor of Classics, 1881–97. Vice-Chancellor of Victoria University, 1890–4 ; Gladstone Professor of Greek, 1884–97. Head Master of Charterhouse, 1897–1911. H.O., 1898.

Hon. D.Litt., Victoria University, 1895. Hon. LL.D., Liverpool, 1907. Member of the Gresham University Commission, 1892–3.

Author or editor of text and notes in Wm. Cunningham's 'Dissertation on the Epistle of Barnabas' (1877); 'The Emperor Julian'; 'Paganism and Christianity' (1879, Hulsean Prize Essay); Introduction to Professor Mayor's edition of the 'Letters of Pliny', Book III (1880); 'The Cradle of the Aryans' (1889); 'Marcus Aurelius Antoninus', Translation with Introduction (1897); 'M. Aurelius to Himself' in Golden Treasury Series (1901); 'The Epistles of St. Paul to the Corinthians; Study of the date and composition of the Epistles' (1909); 'Charterhouse Sermons' (1911); 'John Smith of Harrow' (1913).

Q. Alps 1874, 78, 80, 82, 84, 87, 88.

1887. New ascents of the *Allalinhorn* from the Hohlaub glacier by E. arête, 12/vii; and of the *Rossbodenhorn* by SW. arête, 16/vii, both with H. W. Topham (q.v.); 1st recorded ascent of the *Mittelrück*, with W. M. Conway (q.v.) and H. G. Broke, 25/vii (xiii. 415–16).

c. 1895. 1st ascent of the *Klein Oberälpler* ('Urner Alpen Club-Führer', i. 147).

James Taylor van Rensellaer

(Dec. 1886)

Born 1862. Son of Maunsell van Rensellaer of New York.

Educated Hobart College, Geneva, New York, and New College, Oxford.

Q. Alps 1884.

Member of S.A.C., Oberland Section (Bern) (1885); C.A.F., Mont Blanc Section (1884).

1884. *Aiguille du Dru*, 1/viii (Schw. Alp. Ztg., ii. 191); 3rd ascent of the *Petit Dru*, 28/viii (xii. 128, referring to a narrative published by him in The Continental Times, 6/ix/1884). List of expeditions, S.A.C.J. xx. 614.

Thomas Apsley Rickman

(March 1889)

Born 1855. Son of James Rickman, of Staines, Middlesex.

Married 1902 Beatrice, d. of Edward Hornor of Halstead, Essex.

Surveyor.

J.P. for Surrey, 1909.

Q. Alps 1877 (with W. A. Greene (q.v.)), 1879 (with the same), (with the same and F. C. Mills (q.v.)), 1885.

Wrote In Memoriam notice of W. A. Greene, xxxiii. 412–13.

Robert Augustus Robertson

(Dec. 1887, C. 1906–8)

Born 12 Dec. 1850. Son of John Robertson, S.S.C., Edinburgh.

Married 1875 Emily, d. of James Mackintosh of Lamancha, Peeblesshire. Father of E. B. Robertson.

Educated St. Andrews and Edinburgh Schools and Edinburgh University.

Senior partner in the firm of J. & R. A. Robertson, W.S., Edinburgh. D.L., J.P.

Q. Alps 1878, 80, 83, 87.

1889. Discovered a new route up the SW. face of the *Aiguille du Moine*, with R. F. C. Leith (mist prevented them from actually completing the ascent), 3/viii (xv. 78, 297).

1892. *La Nonne*; *Dent du Géant*; *Grand Dru*; *Aiguille des Charmoz*, all 5 peaks (S.M.C.J. ii. 209).

1894. *Aiguille de la Za*; *Mont Brulé* traversed; N. peak of *Aiguilles Rouges d'Arolla*, by N. arête; new ascent from the SW. of the *Pointe de l'Évêque*, 18/viii (xvii 256; Arolla C.G., p. 87). The last and probably all these expeditions with H. Barrett (q.v.) (S.M.C.J. iii. 238; cf. xxxiv. 144).

1899. *Croda da Lago* traversed, from Val Firmin and down N. ridge; *Piz Popena* by S. ridge; *Kleine Zinne* from S.; *Sorapis* traversed, N. to S.; *Cinque Torri*; *Ortlerspitze* traversed; *Vertainspitze* traversed (some of these ascents with E. A. Broome (q.v.), Miss S. Broome (Mrs. H. K. Corning), and H. Barrett (q.v.) (S.M.C.J. vi. 35; xxxiii. 406).

Continued to climb regularly up to 1913.

Original Member of Climbers' Club; on the 1st Committee 1898–9. V.P., 1899–1901; P., 1907–9.

Original Member of S.M.C.; present at meeting of 11/iii/1889 (S.M.C.J. iv. 87). C., 1892–4 and 1900–3; V.P., 1895–7; P., 1907–9. Portrait, S.M.C.J. xi. 33.

1889. Made an attempt on the '*Black Shoot*' of *Ben Anea* with W. R. Lester, 28/xii (S.M.C.J. i. 84, 210; 'Guide', vii. 96).

1891. Present at 2nd formal Club Meet; made an attempt on the '*White Shoot*' with Lester and J. H. Gibson (S.M.C.J. i).

Attended several later meets.

1899. Paper 'Septembrians in September' (ascent of *Ben Voirlich*), S.M.C.J. vi. 17.

Edward Burchell Rodway

(Feb. 1887, d.m. 1909)

Born 16 May 1850, Weston-super-Mare. Son of Rev. Eusebius Joseph Rodway, 1st pastor of Wadham Street Chapel, Weston-super-Mare.

Married, 1st, 1887 Gertrude, d. of John Bayfield Clark of Wingfield Green; 2nd, 1907 Rosa, d. of Rev. — Pittar.

Educated privately at Shirland Hall, Birmingham.

Solicitor (1877), Trowbridge.

Registrar of High Court at Bradford-on-Avon and Trowbridge. High Bailiff of County Court.

Died 19 Dec. 1909.

Q. Alps 1882–4, 86.

1896. With H. J. Heard, *Düssistock*, new descent by the E. arête, 21/vii (xviii 353).

1900. With Heard, 1st ascent of *point* 2,706 *m.* on the Mittellegi ridge, 22/viii (xx. 266–7, 414, xxi. 560–1, xxii. 161, 238).

1901. With Heard, *Dammastock* from the Göschener Alp, 9/viii (xxi. 234).

J. H. W. Rolland

(June 1885, C. 1909–11, Auditor, d.m. 1917)

Q. Alpine.

Charles Smart Roy

(Feb. 1884, resigned 1896)

Born 27 Jan. 1854, Arbroath. Son of Adam Roy, merchant and shipowner, Arbroath.

Married 1887 Violet Emma, d. of Sir George Edward Paget, K.C.B., M.D., F.R.S., Regius Professor of Physic.

Educated Arbroath ; St. Andrews and Edinburgh Universities. M.D. 1878.

Resident Physician in the Edinburgh Royal Infirmary, 1875 ; then came to London and engaged in original research at the Brown Institute.

Held a Commission in the Medical Service of the Turkish Army during the Servian War, 1877–8, as Chief Medical Officer at Janina.

At the end of the war returned for a time to the Brown Institute ; then studied for nearly a year under Professors Du Bois-Raymond and Virchow at Berlin. Was Assistant for a year at the Strasburg Physiological Laboratory ; studied in the Pathological Institute at Leipzig with Professor Cohnheim and acted as his Demonstrator.

Returning to England, 1880, was elected the 1st George Henry Lewis Student in Physiology, and worked for some time in Sir Michael Foster's Laboratory at Cambridge, where he delivered a course of lectures on advanced physiology. He was deputed by the Argentine Republic to investigate the nature of the disease which was later found to be anthrax. On the conclusion of that Commission he returned once more to the Brown Institute, and was Professor Superintendent, 1882–4.

In 1884 he was elected F.R.S. and appointed (the 1st) Professor of Physiology at Cambridge. He held this post till his death.

Died suddenly of epilepsy, at Cambridge, 4 Oct. 1897. (The Times, Who's Who.)

Q. Alpine (three years).

1882. *Blümlisalphorn*, 12/viii (N.A.P. xvi. 55, 63).

1883. *Eiger*, 19/viii ; *Schreckhorn*, 23/viii (Echo, 1884, pp. 50–5).

Author of an article on ' Mountain Sickness, based on notes by W. M. Conway of his experiences in the Karakoram Himalayas ', in ' Science Progress ', April 1895.

F. W. Saunders

(Dec. 1887, d.m. 1915)

Q. Alpine.

Sir George Henry Savage, Kt.

(Feb. 1878, C. 1884–7, V.P. 1896–8, d.m. 1921)

Born 12 Nov. 1842, Brighton. Son of William Dawson Savage, J.P., of Brighton, 'a chemist and druggist of the Yorkshire yeoman class, who rode regularly to hounds until he was over 70 years of age'; and Elizabeth, d. of William Wallace, of Dundee.

Married, 1st, 1868 Margaret, d. of Jacob Walton, of Alston Moor; 2nd, 1882 Adelaide May, d. of Henry Gavin Sutton, M.D.

Educated Brighton College, Sussex County Hospital, and Guy's Hospital (Matric. London University, 1st Class Honours in Chemistry, 1861); M.R.C.S., L.R.C.P. and M.B., of London University (Gold Medal for Organic Chemistry and Materia Medica; Honours in Obstetric Medicine), 1865. Received the Treasurer's Gold Medal at Guy's Hospital, for Clinical Medicine and held all the offices open to students, including that of House Surgeon. M.D., 1867.

Was then appointed Medical Officer of the London Lead Company's Mines in Nent-Head, Cumberland, and had charge of a very extensive district for over 4 years (1867–72).

In 1872 he accepted the post of Assistant Medical Officer at Bethlehem Royal Hospital, a step which proved to be the turning-point in his career. He occupied this position till 1878 (M.R.C.P., 1878; F.R.C.P., 1885); and for 10 years more that of Senior Physician and Superintendent Consulting Physician for Mental Diseases to Guy's Hospital, 1889–1921; lectured there on the same subject for more than 20 years.

Consulting Physician to Earlswood Idiot Asylum, 1889–1921.

Was Secretary of the Psychological Section of the International Medical Congress held in London.

About 1888 became co-Editor of the Journal of Mental Science (the organ of the Medico-Psychological Association) and remained so for 12 or 15 years.

Was Examiner in Mental Pathology to London University; at the Royal College of Physicians was Lumleian Lecturer and in 1909 Harveian Orator; and in various years President of the

Medico-Psychological Association; the Neurological Society; and the Psychological Branch of the British Medical Association.

1st President (1912) of the new section of Psychiatry in the Royal Society of Medicine.

Knighted Jan. 1912.

During his 17 years at Bethlehem Hospital he acquired a world-wide reputation as an authority on psychological medicine, and medical visitors came to him from the United States and our own Dominions. In 1889 his gradually increasing private practice tempted him to leave, but he remained an active governor of the Hospital till his death. His success as a Consultant and as adviser to H.M. Government was marked.

Author of a 'Manual of Insanity', and many papers in the Guy's Hospital Gazette, &c. Sub-Editor of the section Mental Diseases in Clifford Allbutt's 'System of Medicine'.

Died July 1921. (M. & W.; The Times, &c.)

Q. Alpine.

V.P. of the Alpine Ski-Club, 1908–9.

1867–72. While in Cumberland (see above) had some early experiences of ski-ing, of which he gave amusing accounts (xxi. 497, xxiv. 532).

1879. *Matterhorn*, i/ix.

1880. *Gabelhorn*, new ascent by S. face, 28/viii (x. 97; 'Pioneers', p. 146).

1884. See Frederick Taylor.

Wrote In Memoriam notice of F. J. Church.

Hans Casper Ferdinand Max Schintz

(Dec. 1888, d.m. 1911)

Born 20 Jan. 1865. Son of Hans Gaspard Schintz, of Childwall Hall near Liverpool, senior partner in the firm of Schintz & Co., merchants, Liverpool (see The Times, 21 Sept. 1912, p. 9).

Educated Harrow.

In his father's business in Liverpool.

Died at Sargans 13 Sept. 1911.

Q. Alps 1880, 84–8.

1889. *Grandes Jorasses*; *Mont Blanc* traversed by Aiguille Grise route; *Dent du Géant*; *Lyskamm*.

1890. With F. L. Littledale, *Aiguilles de Tacul*; *Blaitière*; *Petit Dru*; *Verte*; *Col des Hirondelles.*

1891. *Le Plaret*; *Meije*; *Barre des Écrins* traversed, 10/viii; *Pointe du Vallon des Étages*; *Col de la Lavey*; *Pic d'Olan*, 14/viii (La Montagne, iv. 196; S.T.D. Ann. 1914, p. 116); *Les Bans*, 17/viii; *Gabelhorn* traversed; *Rothorn* traversed.

1892. *Piz Morteratsch* traversed, –/viii (R.M. 1911, pp. 310–11); *Piz Bernina* by the Scharte; *Crast' Agüzza* traversed; *Piz Roseg* traversed; traverse of *Monte Rosso di Scerscen* and *Piz Bernina*; *Grand Cornier* traversed; *Triftjoch*; *Breithorn*, by N. face.

1893. *Castor*; *Pollux*; *Südlenzspitze*; *Nadelhorn*; *Rimpfischhorn* from Adler pass; *Matterhorn* traversed from N. to S., return by *Furggenjoch*; *Dent Blanche* by W. arête (xxiii. 109); *Mominghorn*; *Wellenkuppe* from Triftridge; *Strahlhorn* from Nord End; *Cols d'Hérens* and *de Bertol.*

1894. *Pic Bourcet*; *Le Pavé*; *Pic du Says* (?); *Grande Ruine*, direct from Val d'Étançons; *Meije* traversed, 24/viii; *Râteau* traversed; *Aiguille d'Argentière.*

1895. *Les Périades* traversed; *Aig. des Charmoz* (traverse of all 5 points); *Aig. du Chardonnet*; *Tour Noir*, 1st ascent (there had been a previous descent), 19/viii (xviii. 212, Kurz, 1914 ed., p. 50); *Aig. de Talèfre*; *Aig. de Grépon* (19th ascent), 19/viii; *Mont Mallet*; *Les Droits.*

1896. *Mittag–Egginerhorngrat*; *Weissmies* traversed; *Laquinhorn*; *Portiengrat*; *Monte Leone.*

1899. *Aiguille de Rochefort*, by SE. face, 20/viii (probably 1st ascent from Italian side, R.M. 1900, p. 121; S.A.C.J. xxxv. 297, xxxvi. 263; Kurz, p. 136); *Col des Grandes Jorasses*, 2nd passage (xxvi. 232); *Col Dolent* (C.A.I. Boll. 1901, p. 95); Signor Bobba, in mentioning the last expedition, describes Schintz as 'un Alpinista che lascia traccia delle sue numerose e difficile imprese—lo constituamo deplorandolo—soltanto sui libelli delle guide e—sulle cime'. The lists given above up to 1896 are preserved in Aloys Pollinger's book and probably nowhere else. Very little is traceable of his doings in later years.

British Isles. See G. A. Solly, 1891 and 93.

Otto Schuck

(June 1879, resigned 1915)

Official in the Franco-Austrian Bank, Vienna, till 1873.

Q. Alpine.

Member of Austrian A.C. (Reserve 'Reviser', 1879; Reviser and Member of Editorial Committee, 1880); D.Ö.A.V., Vienna Section, 1874; C.A.F., Paris Section, 1886, Ö.T.C., 1871–8.

Served on G. Gröger's special Committee for distributing Ordnance Maps among leading guides of the Eastern Alps, Ö.A.Z. i. 265, ii. 62.

1872. *Gross Glockner*, 12/viii (Jb. Ö.T.C. iii. 112; List, ibid., which also records *Rax Alpe*, 23/iv and 8/ix, and *Schneeberg*, 9/v and 15/ix, by various routes).

1873. *Wetterhorn*, 3/ix. 2nd recorded traveller's ascent of the *Torstein*, 14/ix (E. i. 332; note by him, Z.A.V. v. 219); 2nd ascent by Theodor Harprecht's route of the *Vertainspitze*, 21/ix (E. ii. 126); *Ortlerspitze*, 22/ix; *Königsspitze*, 24/ix; *Eissee* and *Cevedale* passes, 25/ix (Tourist, 1873, pp. 421 ff.).

1874. *Schöntaufspitze*, 25/viii; *Zebruspitze* from Sulden viâ the *Hochjoch*, 4th ascent by this route, 26/viii (E. ii. 104; paper, Ö.A.Z. i. 74); *Monte Confinale*, 27/viii; 1st passage of the *Schrötterjoch*, 28/viii; *Thurwieserspitze*, 4th ascent, 31/viii (E. ii. 135; M.A.V. 1875, p. 112; paper, Jb. Ö.T.C. vi. 54); *Angelusspitze*, 2/ix. List of expeditions, Jb. Ö.T.C. vi. 244.

1875. 1st ascent of the *Ortlerspitze* from the *Hochjoch*, 15/vi (vii. 328; E. ii. 90; paper by him, Z.A.V. vii. 77).

1877. 2nd ascent of *Cima di Ball*, 12/vi (E. iii. 422).

1878. Was on *Monte Cevedale* at the time of the accident to Dr. Georg Salomon's party, and assisted in the rescue of Salomon, the sole survivor, 18/viii (ix. 162; E. ii. 159).

1879. *Reichenstein*, 2nd guideless ascent, with B. Wagner (q.v.) and others, 1/vi (E. i. 386, 429; M.A.V. 1880, p. 24; Ö.A.Z. i. 145); *Ortlerspitze*, new ascent from the Ende der Welt Ferner, 27/vi (ix. 370; E. ii. 95–6; paper, Ö.A.Z. iii. 57).

1880. With G. Gröger (q.v.) and B. Wagner, conducted an Instructionstour on the *Schneeberg*, 14/iii, which acquired notoriety owing to an accident which occurred on the mountain the same day (Ö.A.Z. 1880, pp. 75–6, 90–1).

1881. *Watzmann*, with B. Wagner, on Easter Sunday (Ö.A.Z. 1881, p. 106). *Watzmann*, 1st ascent from St. Bartholomä, 6/v (E. i. 291 ; Ö.A.Z. 1881, p. 161). He read a paper before the Ö.A.C. on these expeditions three years later (Ö.A.Z. 1884, p. 115). New ascent (by the ' Rothe Schlurza ') and descent of the *Rax-Alpe*, –/vi (Ö.A.Z. 1881, p. 173 ; E. i. 410). *Monte Rosa* ; *Gabelhorn* ; *Rimpfischhorn* ; *Breithorn* (Ö.A.Z. 1881, p. 244 ; 1882, p. 10).

Karl Schulz

(Dec. 1882, resigned 1891)

Born 31 Oct. 1844, Salzungen. Son of Christian Schulz, Burgomaster of Salzungen, and later Privy Councillor Saxe-Meiningen, and Friederike Wucke.

Married 1891 Helene, d. of Johannes Schröder.

Educated Meiningen Gymnasium ; Universities of Heidelberg, Berlin, and Jena. Doctor Juris.

Practised as a Referender in (the Court of Justice of) Saxe Meiningen ; then became Secretary of the High Court of Appeal, Jena ; obtained, 1875, the position of Privat-Dozent in German Law in the University ; and in 1878 was appointed Extra-ordinary Professor. In 1879, on the establishment of the Supreme Court of the German Empire at Leipzig, he was appointed its Librarian, and held this post till his retirement.

Q. Alps and Alpine literature.

Member of S.A.C., St. Gallen Section ; Austrian A.C. ; S.T.D. ; D.Ö.A.V., Leipzig Section, 1880 (Treasurer, 1882 ; Librarian, 1883–4; P., 1885). Served 1894–7 on the Refuge Huts Committee and was Manager of the Mandron Hut 1899. V.P., 1886. C., 1887–90, 1898. Soc. Alp. Trid., 1883 or 4.

1881. *Weissmies*, 9/viii ; *Laquinhorn*, 11/viii ; *Alphubeljoch*, 13/viii ; *Dom*, 19/viii ; *Rimpfischhorn*, 22/viii ; *Allalin* pass, 24/viii ; *Seewinen* pass or *Fäderjoch*, 25/viii (xi. 202) ; *Alt-* or *Castelfranco Weisstor*, by Central (J. Tyndall's) couloir, 26/viii xi. 198 ; he wrote a paper on some of these expeditions, with a section on the ascents of Monte Rosa from the E. (S.A.C.J. xvii. 222) ; 3rd ascent and new descent of the *Hohberghorn* (without guides), 30/viii (x. 339–40 ; paper, Ö.A.Z. 1882, p. 177) ; *Rot-*

horn, by W. M. Conway's 1878 route, 10/ix (paper, S.A.C.J. xvii. 454). See Ö.A.Z. 1881, pp. 298–9.

1882. *Weisshorn*, 1/viii ; *Rofelpass*, 5/viii (xi. 202) ; *Fillarkuppe* traversed, 1st ascent from Macugnaga, 7/viii (xi. 196) ; *Dent Blanche*, 9/viii (paper, S.A.C.J. xviii. 415) ; *Klein Fillarkuppe* and *Jägerhorn*, 12/viii ; *Monte Rosa*, 19/viii ; *Gabelhorn*, with a variation, 22/viii (he wrote a paper on this expedition and those of 5, 7, and 12/viii, which were made with a view to solving some problems of the Alt- and Neu-Weisstor routes, S.A.C.J. xviii. 161, 415) ; *Petersgrat*, 28/viii ; *Eiger*, 3/ix ; *Gamchilücke*, 9/ix; *Weisse Frau*, 10/ix (paper, 'Wanderungen im Berner Oberland', Ö.A.Z. 1883, p. 241 ; for the whole tour see Ö.A.Z. 1882, pp. 279–80 ; list, ibid. 1883, p. 42).

1883. 1st passage of *Colle del Torrone*, 27/vii (S.A.C.J. xix. 526) ; *Piz Badile* ; *Monte della Disgrazia*, 2/viii (article by him in Levasseur, p. 256) ; *Pizzo Torrone Orientale*, new ascent by W. arête, 3/viii (S.A.C.J. xix. 526 ; paper on these expeditions, Z.A.V. xv. 490) ; *Piz Bernina*, 2nd ascent by Pizzo Bianco and the Scharte, 6/viii ; *Monte Rosa*, 3rd ascent from Macugnaga, 14/viii (papers on these 2 expeditions, S.A.C.J. xix. 527, 533, and Ö.A.Z. 1884, pp. 59, 173 ; cf. ibid.) ; *Matterhorn* traversed from N. to S., 18/viii ; attempt on S. face of the *Bietschhorn*, 23/viii ; 1st ascent and traverse of the *Sattelhorn* and *Klein Aletschhorn*, *Beichgrat*, 26/viii ; *Roter Galm*, 1st recorded ascent (alone), 28/viii ; *Beichgrat*, 29/viii (paper, 'Sechs Tage im Excursionsgebiet', S.A.C.J. xix. 3) ; *Finsteraarhorn* ; *Mönchjoch*. See Ö.A.Z. 1883, pp. 232, 256, 285–6 ; List, 1884, p. 39.

1884. 1st ascent of N. peak of *Dreischüsterspitze*, 16/vii (xii. 126, E. iii. 502. He wrote a paper on this expedition, Ö.A.Z. 1889, p. 257) ; *Oberbacherspitze*, 18/vii (both guideless) ; *Croda Rossa*, 21/vii ; *Höchste Zinne*, 23/vii ; *Tofana di Mezzo*, 29/vii ; *Becco di Mezzodì*, 3rd ascent, 30/vii (E. iii. 483) ; *Monte Antelao* (guideless), 31/vii ; attempt on *Crozzon di Brenta* (3rd ascent of pt. 3,105 m., 1st ascent of pt. 3,110 m.), 3/viii (E. iii. 311) ; *Bocca di Brenta* and *Cima Tosa*, 4/viii ; *Cima Falkner*, or *Rocca di Valasinella*, 4th traveller's ascent, 5/viii (E. iii. 339) ; *Torre di Brenta*, 2nd ascent, 6/viii (E. iii. 327) ; *Brenta Alta*, 7/viii ; 1st ascent of highest summit of *Crozzon di Brenta*, 8/viii (E. iii. 311 ; paper, Z.A.V. 1885, p. 390) ; *Corno Bianco* and *Adamello*, 10/viii ; *Passo* and *Cima di Presena*, 11/viii ; *Für-*

kelischarte, *Madritschjoch*, *Hintere Schöntaufspitze*, 13/viii ; *Ortlerspitze*, from Sulden in 4 hrs. 25 m., 14/viii (E. ii. 81) ; 1st ascent of highest summit of *Stammerspitze*, 16/viii (xii. 124 ; E. ii. 33 ; Ö.A.Z. 1884, p. 246) ; *Matterhorn* traversed from N. to S. (1st guideless traverse), 20/viii (papers by E. Zsigmondy, Ö.A.Z. 1885, p. 117, and Purtscheller, M.A.V. 1885, pp. 2–4) ; *Théodule* pass and *Breithorn*, 22/viii ; *Dent Blanche* traversed with Mrs. E. P. Jackson, new descent of W. arête, 25/viii (xii. 124 ; Paper, Festschrift of Leipzig Section of D.Ö.A.V. 1894, pp. 118–26) ; *Col d'Hérens*, 28/viii ; *Bietschhorn* by a new route from the S. (guideless), 2/ix (xii. 124, xviii. 474 ; he wrote a paper on the expedition, S.A.C.J. xx. 60).

See for the whole season Ö.A.Z. 1884, pp. 253–60, 265–7 ; M.A.V. 1884, pp. 259–61, 287–91.

1885. Traversed *N. Aiguille d'Arves* (making a new descent) and *Central Aiguille*, 20/vii ; 1st passage of the *Col de Jean*, 21/vii ; attempt on *S. Aiguille d'Arves*, ascent of *Aiguille du Goléon*, 22/vii ; all guideless (xii. 423–4 ; Z.A.V. 1895, pp. 79–80). He wrote a paper on these expeditions, S.A.C.J. xxi. 245, and read one before the Ö.A.C. (see Ö.A.Z. 1886, p. 119). An injury to his hand prevented him joining O. and E. Zsigmondy and L. Purtscheller in their successful attack on the E. arête of the *Meije*, 26/vii. Crossed *Col de la Casse Déserte*, ascending the *Grande Ruine*, 31/vii ; *Aiguille du Plat*, 2/viii (xii. 423–4). The Zsigmondys then offered to accompany him up the Meije ; unfortunately Emil Z. elected not to go by the usual route, but to make the attempt on the S. face which cost him his life, 6/viii (xii. 395 ; Ö.A.Z. 1885, pp. 203–14, with Otto Zsigmondy's account, pp. 208–11 ; Schulz's account in M.A.V. 1885, pp. 192, 212, is given in English, xii. 399–403, his record in the Visitor's Book at La Bérarde dated 8/viii, is given in French, S.T.D. Ann. 1885, p. 229). He also wrote an In Memoriam notice of Zsigmondy, M.A.V. 1885, p. 243.

Barre des Écrins, 30th ascent, 13/viii (paper, Z.A.V. 1886, p. 327) ; *Mont Pelvoux* ; Traversette tunnel, 17/viii ; *Monte Viso*, 18/viii (paper, M.A.V. 1886, p. 283) ; *Grand Paradis*, descent to Cogne, 24/viii ; *Grivola*, 2nd ascent by NE. arête, 27/viii. Papers by L. Purtscheller (on Grivola and Grand Paradis ?), Z.A.V. 1887, p. 355 (see xiii. 567–9), and on expeditions of 22–3/vii, 13, 15/viii, M.A.V. 1886, pp. 171, 183.

His conduct in continuing to climb after the accident of 6/viii was attacked by Dr. Guido Lammer with extraordinary bitterness in a pamphlet entitled 'Ein Alpiner Ritter von der traurigen Gestalt'.

1886. *Sass Rigais*, 21/vii (see below 1888), *Langkofel*; attempt on *Fermedaturm*, and passage of the 'Porta', 30/vii (E. iii. 373, 377, see below, 1888); *Molignon* ridge traversed from Molignon pass to *Kesselkogel*, making 1st ascent of *Seekogel*, 2/viii (E. iii. 385; note by him, Ö.A.Z. 1889, p. 273); *Cima di Brenta* (E. iii. 332) and 1st ascent of highest point of the *Cresta di Mandron* (or *di Campiglio*), 6/viii (E. iii. 334–5); *Campanile di Brenta*, 3rd ascent, 8/viii (E. iii. 324); *Cima d'Ambies*, by a new route from Bocca d'Ambies, 9/viii (E. iii. 313, 315–16; note by him, M.A.V. 1887, p. 115); *Monte Daino*, N. peak; *Caré Alto*; *Monte Folletto* (1st recorded ascent), *Corno di Cavento*, *Passo di Lares*, *Passo della Lobbia Alta*, with E. T. Compton and others, 13/viii (E. ii. 183–4); *Corno di Adamé* and *Monte Fumo* (both 1st ascents), *Dosson di Genova*, and 1st passage of ridge of *Cresta della Croce*, 14/viii (E. ii. 196–7; paper on these 2 expeditions, Z.A.V. xviii. 343); with Compton, *Corno* and *Passo di Salarno*; *Forcellina* and *Corno Giuello* (1st ascent), 19/viii (E. ii. 229); and *Monte Mandron*, by a new route, 20/viii (E. ii. 214).

1887. *Fussstein*, 2nd ascent (with a variation) of SW. face, 19/vii (E. iii. 94; paper, M.A.V. 1889, p. 233); *Alpeinerscharte*, *Ochsner*; *Feldkopf* (*Zsigmondyspitze*), with E. T. Compton (guideless), 26/vii (E. iii. 59); *Grosser Greiner*; *Turnerkamp*; 1st ascent of *Gubachspitze*, 1/viii (E. iii. 159; paper Ö.A.Z. 1888, p. 321); with Compton, 1st ascent of *Fermedaturm*, 4/viii (E. iii. 373, see below, 1888). See M.A.V. 1887, pp. 209–10. *Grohmannspitze*, 8th ascent, partly new descent, with Compton, 5/viii (E. iii. 358; Z.A.V. 1896, p. 301; a short account by him is given in Hess's paper, Ö.A.Z. 1888, p. 195); *Rosengartenspitze*, 8/viii; *Passo di Cornisello* and 1st traveller's ascent of *Cima di Scarpaco*, with Compton, 12/viii (E. ii. 241; paper, Ö.A.Z. 1890, p. 73); *Presanella*, with Compton (guideless), 14/viii (E. ii. 237; Ö.A.Z. 1888, pp. 192, 195). They then made a circuit round the Adamello group to the S., taking some low passes and peaks, and regained the Mandron Hut by the *Passo della Tredicesima* (E. ii. 215). See Ann. Alp. Trid. xiii. 493. *Cima d'Armi*, 2nd ascent, new route, 20/viii (E. iii. 329); *Lobbia Alta*, 23/viii (E. ii. 193);

Monte Venerocolo and 1st ascent of *Monte dei Frati*, 26/viii (E. iii. 216); attempt on *Cima di Plem*, 2nd recorded ascent of *Cima di Premassone*, 27/viii (E. ii. 223–4; paper, M.A.V. 1889, p. 177); *Cima di Plem*, 2nd recorded ascent, 1st ascent of *Corno del Cristallo*, 28/viii (E. ii. 223; paper, M.A.V. 1891, p. 127); 1st ascent of *Corno delle Granate*, 30/viii (E. ii. 227; paper, M.A.V. 1892, p. 216); *Passo di Lago Scuro*, 1/ix (E. ii. 212).

1888. *Sulzspitze* (Sarntal Alps), 15/viii (E. ii. 491; note by him, M.A.V. 1890, p. 90); *Boaspitze*, –/viii; *Peitlerkofel*, –/viii; *Mittagscharte*, 27/viii (he wrote a paper, 'Die Grödener Dolomiten: Die Gruppe der Geislerspitzen', Z.A.V. xix. (1888), p. 377, in which are described this expedition and those of 21/vii and 30/vii/1886, and 4/viii/1887. Sections on the Langkofel and the Sellastock never appeared for reasons stated, E. iii. 378 note). *Mittlere Puzspitze*; *Pizzo Doleda*, or *Wandspitze* (new route by W. face) and *W. Puzspitze*, 6/ix (E. iii. 378–9, 378 note); *Gabel* or *Furquetta* and *Sass Rigais* from the E. (new route), 13/ix (E. iii. 376; M.A.V. 1888, p. 228).

1889. *Furchia dal Lac* and *Furchia di Mesdi* (Sellastock), *Adamello*; *Cima di Cornisello*, 1st traveller's ascent, 30/vii (E. ii. 241); *Presanella* and *Monte Cercen* (3rd ascent), 31/vii (E. ii. 233 note); 1st ascent of the *Busazza* (E. ii. 233; M.A.V. 1892, p. 255); notes by him on the three last expeditions (M.A.V. 1899, p. 273); *Rochetta di Nambrone*, 4/viii (E. ii. 244); *Cima Gelata* (2nd ascent? E. ii. 244); *Corno di Flavona*, 2nd ascent, 8/viii (Z.A.V. 1907, p. 383, E. iii. 348); *Sasso Rosso* (cf. E. iii. 549); *Cima di Vagliana* (cf. E. iii. 344), 9/viii. *Sas di Chiampac*, *Sas de Champei* and *Sas de Chiampolo*, 15/viii (E. iii. 379); *Sas de Pisciada* or *Wasserfallspitze*, 2nd ascent, 16/viii (E. iii. 369; Ö.A.Z. 1889, p. 246); *Furchia Chamurci*, *Pizza di Meisules*, *Piz Rottice*, *Piz Beguz*, *Piz Gralba*, *Piz Salva*, *Piz de Saliera*, 17/viii (E. iii. 368, 370).

1890. *Elmauer Haltspitze*; *Oedstein*, Whitsuntide (Ö.A.Z. 1890, p. 141). 1st ascent of *Cima di Giner*, 18/vii (E. ii. 243); *Sasso Alto* (2nd known ascent?), end/vii (E. iii. 347; Z.A.V. 1907, p. 353); *Cima Tosa*, 2/viii; *Passo della Lobbia Alta*, and a descent (new) to Val di Fumo, 10/viii (E. ii. 198); *Passo del Termine*, 11/viii (E. ii. 208); *Cornone*, *Passo di Blumone*, *Passo di Frerone*, 12/viii (E. ii. 208–10); *Monte Frisozzo* and *Re di Castello*, 16/viii (E. ii. 204); *Passo di Adame*, 17/viii (E. ii. 200).

1891. *Cima di Sassara*, 2nd recorded ascent, *Paradiso*, 1st known ascent; *Cima Rocca* (in Sasso Alto group), 26/vii (E. iii. 348–9). The other expeditions in list in Report of Leipzig Section are sub-Alpine and suggest a honeymoon trip. An entirely different list is given, Ö.A.Z. 1892, p. 35.

1892. 1st ascents of *Cima delle Scale*, 19/vii (E. iii. 349); *Punta del Orco*, 24/vii (E. ii. 181); *Cima del Segnale*, *Punta del Lago Inghiacciato*, and *Monte Pisgana*, 25/vii (E. ii. 213), and *Cima Calotta*, 26/vii (E. ii. 216); *Passo dell' Adamello* (E. ii. 222 note); *Piz Badile* (Val Camonica), by a new route, 31/vii (E. ii. 207; C.A.I. Boll. 1893, p. 240); *Forcellina del Dosso*, 1/viii (E. ii. 204).

1893. *Forcolotta di Noghera* and *Cima di Ceda*, 2nd ascent, 7/viii (E. iii. 313–14); *Bocca dei Armi*; *Bocchetta del Gallino* (E. iii. 341); *Fibbion*, 1st traveller's ascent, 1st recorded ascent of *Cima di Santa Maria*, 14/viii (E. iii. 343–4); reascended, *Cima Flavona*; 1st traveller's ascent of *Cima d'Agola*, 20/viii (E. iii. 319); *Paradiso*, *Cimo di Denno*, *Cima Rocca* (see E. iii. 347, and 1891 above); reascended *Cima delle Scale*; *Passo di Monte Fumo* (see E. iii. 198). See Ö.A.Z. 1894, pp. 143, 144, and 1895, p. 217. List in Reports of Leipzig Section.

Also wrote the following notes and papers, 'Tourenprogramm' (on an experiment by the Leipzig Section in the way of an *Excursionsgebiet*), M.A.V. 1885, p. 50; on the use of silk ropes, ibid., p. 63; on the question of guideless climbing, ibid., p. 131 (reprinted in Ö.A.Z. 1885, p. 136); 'In Memoriam Emil Zsigmondy', ibid., p. 243; 'Dr. Güssfeldt und der Alpinismus', Ö.A.Z. 1886, p. 137; 'Zur Kritik neuer Alpiner Unglücksfälle' (with Purtscheller), M.A.V. 1887, p. 255, 1888, p. 263; 'Gibt es eine moderne Schule des Bergsteigens?' Ö.A.Z. 1888, pp. 28, 75. Compiled the Index to Ö.A.Z. i–iv (see ibid., vii. 12). He was certainly the author of a paper, 'Auf das Steinbockhorn in Sturm und Graus', an (imaginary?) account of an ascent of the Dent Blanche, signed O. Donner and said to be reprinted from Mitteilungen of Leipzig Section for 1886; and presumably also of a paper with the same signature in the same style, 'Erste führerlose Traversierung des Hochfeiler', in Mitteilungen of the section for 3 March 1888.

Wrote the sections on the Adamello (ii. 177–244) and Brenta Groups (iii. 297–349) and the Grödener Alps (iii. 350–79) in the

'Erschliessung der Ostalpen'. His climbing was almost entirely devoted to these groups from 1886 onward.

Compiled the earliest list of New Expeditions in the Eastern Alps, M.A.V. 1887, p. 115.

Sir Felix Otto Schuster, Bt.

(Dec. 1877, C. 1888, S. 1889–93, V.P. 1899–1901)

Born 21 April 1854, Frankfort-on-Main. Son of Francis Joseph Schuster and Marie, d. of Max Pfeiffer of Stuttgart.

Married 1879 Alwine Meta, d. of Sir H. Weber (vol. ii).

Educated Frankfort Gymnasium, Geneva, and Owens College, Manchester.

Partner in the firm of Schuster, Son & Co., merchants and bankers, from 1879. Director of the Union Bank of London, Ltd., from 1888. Governor of the same (the Union of London and Smiths Bank) from 1895. Formerly (?) Director of the German Bank of London, Ltd.

Member of Royal Commission on London Traffic, 1903–5; of Board of Trade Commission for Amendment of Company Law, 1905. Parliamentary Candidate (Free Trade Unionists) for the City of London, 1906. Member of the Council of India, 1906. Baronet, 1906.

Member of Committee on Indian Railway Finance and Administration, 1907–8; Chairman of Treasury Committee on Irish Land Purchase Finance, 1907–8.

Chairman of Council of London Chamber of Commerce, 1905–6; President and Chairman of Council of Institute of Bankers, 1908–9; Chairman of Central Association of Bankers, 1913–15; of Committee of London Clearing Bankers, 1913–15. Member of Committee of the Association of English Country Bankers. Member of Council of British Empire League. Member of Council and Governor of University College, London. Governor of London School of Economics.

Author of 'Foreign Trade and the English Money Market' (1903), 'The Bank of England and the State', 'Our Gold Reserves', and various addresses on banking and kindred subjects.

F.R.G.S., 1888.

Q. Alpine.

Member of D.Ö.A.V., Austria Section; S.A.C. (Monte Rosa Section; Basel Section, 1885; Subscriber to New Zealand A.C. 1893).

1876. *Pollux* viâ the *Schwarztor* (M.A.V. 1886, p. 25, see 1878).

1877. *Matterhorn*, 11/viii.

1878. *Schreckhorn*; *Eiger*; *Wetterhorn*; *Alphubeljoch*; *Mischabeljoch*; 2nd passage of the *Col de la Dent Blanche* with F. T. Wethered, 5/viii (ix. 172; he wrote a paper on the expedition, Z.A.V. x. 338); *Moming* pass, 7/viii; traverse viâ *Zwillingejoch* and *Felikjoch*, of *Castor*, 9/viii (paper, M.A.V. 1886, p. 25; he had read a paper before Frankfort Section in 1880; M.A.V. 1880, p. 131). List of expeditions, Z.A.V. (1879), vol. x, pt. ii, p. 24.

1880. 1st passage of the *Mettenbergjoch* (xiv. 157).

1885. *Klein Schreckhorn*, new route, 31/vii (xiv. 157).

1886. Made a 'Centenary' ascent of *Mont Blanc*, 8/viii (xvi. 512; S.A.C.J. xxii. 509–10); was caught on the top of the *Nord End*, with A. Lorria, by the great snow-storm of 17/viii, and rescued a party retreating from Monte Rosa (xiii. 177; Larden, p. 58).

1887. *Piz Bernina* (S.A.C.J. xxiii. 655).

1888. Made the 2nd ascent of the N. (2nd) summit of the *Strahlegghörner* with H. C. N. Blanckley, 14/viii (xiv. 157).

1889. 2nd ascent by a new route of the *Gross Hohwanghorn* with E. Carr, 30/viii (xiv. 500).

1894. *Piz d'Arlas*, new ascent by NE. arête, 21/ix ('Alpina', 1917, p. 145. Bernina C.G. ii. 159, giving 1887).

Wrote an In Memoriam notice of Peter Bohren, xi. 44.

Member of the Sub-Committee appointed to consider and report on Alpine Distress Signals, 1892–4; see xvii, Appendix.

George Scriven

(Dec. 1878)

Born 9 Nov. 1856, Dublin. Son of William Barclay Broome Scriven, M.B., of Hampton, and Sarah, d. of Henry Hamilton, of Tullylish, Co. Down.

Married 1900 Violet, d. of Stephen Radcliff Fetherstonhaugh.

Educated Repton and Trinity College, Dublin (President of University Football Club); B.A., 1879. L.M., Rotunda Lying-in

Hospital, Dublin, and M.B., 1880; B.Ch., 1881; M.D., 1884. For some time surgeon in the London Homoeopathic Hospital.

Practised as a physician in Dublin.

Played in the Irish International Rugby XV, 1879–81; Captain, 1882. Twice President of the Irish Rugby Football Union.

J.P. for County Dublin.

F.R.G.S., 1894. Member of Council of Royal Zoological Society of Ireland. Member of the Royal Dublin Society. A prominent Freemason.

Q. Alps 1877, 78.

1877. See W. M. Conway and his 'Mountain Memories', pp. 60–71.

1878. Combined the *Nord End* and *Monte Rosa* in a single expedition (F. T. Wethered did the same independently on the same day), with W. Penhall, 10/viii (ix. 108). For the rest of the season see Conway (and 'Mountain Memories', pp. 76–81) and cf. xxx, between pp. 180 and 181.

1881 and 1886. See Conway.

1888. With H. H. West, *Cima di Rosetta*; *Cima di Vezzana*; *Cima di Ball*; *Monte Colbricon*; *Pala di San Martino*; *Sass Maor* and *Cima della Madonna* (apparently 3rd ascent of the two peaks in one day; see E. iii. 419–20); *Tognazza*; *Monte Pavione*. He read a paper before the Club on these expeditions, 'The Dolomites of San Martino di Castrozza', xiv. 291; cf. Ann. Alp. Trid. xiv. 498.

1889. With H. H. West, *Rosengartenspitze*, *c.* 9/vii; *Grohmannspitze*; *Marmolata*; *Cima di Canali*; *Fradusta*; *Sasso di Mur*; 2nd ascent by NW. face of *Cima della Pala*, making an unintentional and undesirable variation of L. Darmstädter's route, 22/vii (xv. 151; E. iii. 408); *Pala di San Martino* (Ann. Alp. Trid. xvi. 1890). With West, *Adamello*; *Presanella*; *Cima Tosa*; *Brenta Alta*; *Cima di Brenta*; *Brenta Bassa*; *Torre di Brenta*; *Monte Gazza* (Ann. Alp. Trid. xvi).

1891. With West, *Geisslerspitze*; *Croda da Lago*; *Antelao*; *Tofana* (Ann. Alp. Trid. xvi).

1893. With West, *Cima di Fiocobon*, 2nd ascent, with a variation, 9/viii (Z.A.V. 1903, p. 373).

1895. With F. and P. S. Whelan, *Campanile* and *Cima di Val di Roda*, and *Cima di Ball*; *Cimone della Pala*; *Sass Maor*, *Cima*

della Madonna; *Cima di Canali*, *c.* 16–23/viii (Ann. Alp. Trid. xix. 535, 540).

Wrote In Memoriam notice of C. J. Joly, xxiii. 58.

Several photographs of views taken by him on Piz Palü are reproduced in Lorria and Martel, 'Massif de la Bernina', see pp. 89–97.

John Bagot Scriven

(March 1881, d.m. 1893)

Born 1839. Son of John Scriven, of W. Moulsey and Wymington, Beds., and Selina, d. of Henry Perkins, of Hanworth Park, Middlesex.

Married.

Educated St. John's College, Cambridge; B.A., 1861.

Partner in the firm of Barclay, Perkins & Co., brewers.

F.R.G.S., 1886.

Died 28 Aug. 1893. (In Memoriam, by P. W. Thomas, xvi. 499.)

Q. Alpine.

1880. *Schreckhorn*, 29/vii (N.A.P. (1880), xii. 35, 63).

Vittorio Sella

(April 1888)

Born Aug. 1859, Biella. Son of Venanzio Sella, woollen manufacturer, Biella (author of standard works on woollen manufacture and a treatise on photography published 1858). Nephew of Q. Sella.

Married.

Left school 1877 to serve in the Italian cavalry; on the expiration of his term of service returned to Biella to carry on the family business, his father having died in 1876.

Q. Alps 1880–7.

Member of C.A.I., Biella Section (P. 1892). Hon. Member of S.A.C., 1886; C.A.F., 1898. Correspondent Member of Appalachian Mountain Club, 1890; Hon. Member, 1897.

1874, 75. Made his earliest Alpine excursions with Q. Sella ('Appalachian', vii. 237; cf. G. Rey's 'Matterhorn').

1879. Took the first of his published and catalogued photographs from the Vincent Pyramide, 3/ix.

1880. Took his camera (a very large one) up the *Grauhaupt*, 20/iii after an attempt 7/iii (letter in the 'Rassegna di Alpinismo', pp. 213–16); *Breithorn*, 6/vii; *Grand Combin*, 29/vii; to the *Col de Lion*, 8/viii; and up *Mont Vélan*, 20/viii. This was the beginning of a series of nine Alpine seasons: his climbing—except in his winter expeditions—always went hand-in-hand with photography, and novelties were not accomplished except incidentally.

1881. Photographed from *Théodule*, 4/vi; *Breithorn*, 5/vi; *Col du Géant*, 14/vii; *Mont Blanc*, 17/vii; *Col du Midi*, 18/vii; *Pic Tyndall* (Matterhorn), 22/viii; and *Château des Dames*, 4/ix.

During these seasons obtained 87 successful views (28 in 1880, 59 in 1881) from elevated points, though as yet W. F. Donkin (q.v.) 'has nothing to fear from any of his foreign rivals' (xi. 47; R.M. i. 45).

1882. After an attempt, 20/ii (N.A.P. xiv. 85 speaks of it as his 5th attempt), made the 1st winter ascent (and traverse) of the *Matterhorn*, 17, 18/iii (x. 494; he read a paper on the expedition before the 15th Congress of C.A.I. at Biella, printed C.A.I. Boll. xvi, p. 38).

Again ascended the *Grand Paradis*, 18/vii, and the *Matterhorn*, 29/vii (xi. 178), for photographic purposes. He presented his panorama from the latter peak to the Club (xii. 360); 24 views in all. See Ö.A.Z. 1883, p. 145, for a complete list 1880–2.

1883. Made, with Mrs. La Blond (then Mrs. Burnaby), a winter attempt on *Monte Rosa*, reaching the Sattel, 3 or 4/iii (paper, R.M. ii. 50; 'The High Alps in Winter', chaps. ix and x).

In the summer he took views from the *Tiefenmattenjoch*, 3/viii; *Dom*, 6/viii; *Aiguille du Midi*, 24/viii; *Aiguilles Marbrées*, 25/viii; W. (lower) summit of *Grandes Jorasses*, 27/viii (R.M. 1886, p. 25).

1884. After an attempt, 9/i, made the 1st winter ascent of *Monte Rosa*, 25–6/i (xi. 479; letter, Ö.A.Z. vi. 49; paper, R.M. iii. 13–14).

For the summer, which produced 71 views, bringing the total up to 213, see xii. 170; R.M. v. 25; took views from the *Lysjoch*, 1/vii; *Piodejoch* and *Signalkuppe*, 3/viii; *Grünhörnli* (1st recorded ascent, Studer, i. 286), 16/vii; *Aletschhorn*, 23/vii, &c.

Exhibited at the Winter Exhibition, where he and Donkin 'divided the honours without rivalry' (xii. 169); from this time onwards he was a regular exhibitor.

1885. Made the 1st winter ascent of the *Grand Paradis*, with S. Aitken, 2/iii; and the *Lyskamm*, with 1st passage of *Colle della Fronte*, 22/iii (xii. 260; he wrote a joint paper on the latter expedition, R.M. (1885) iv. 53). In the summer ascended and took views from *Monte della Disgrazia*, 3/vii; S. summit of *Trugberg*, 18/vii (Studer, i. 345, S.A.C.J. xxi. 73–5); *Finsteraarhorn*, 21/vii; *Ebnefluh*, 22/vii; high up on S. ridge of *Grand Cornier*, 25/vii; *Tête Blanche*, 26/vii; *Ruinette*, 28/vii; *Aiguille de la Za*, 29/vii; *Dent d'Hérens*, 25/viii (R.M. v. 25).

Photographed from *Piz Zupô*, 28/viii; *Piz Roseg*, 30/viii; *Piz Bellavista*, 25/viii; *Piz Sella*, 26/viii (?) (R.M. 1886, p. 323).

1886. Made the 1st passage of the *Castor* pass from the Sella Hut to the Théodule (with Signora Sella and 2 sisters), 9/viii (E., Pennine C.G., p. 11. Note by him, R.M. 1886, p. 379).

1887. 1st attempt to traverse *Mont Blanc* in winter, 9/ii (C.A.I. Boll. xxi. 1).

His exhibits at the Photographic Exhibition at Florence are noticed (R.M. vi. 149).

1888. Made a January winter ascent (and 1st traverse) of *Mont Blanc*, 5/1 (xiii. 549; R.M. 1888, p. 7; he wrote a joint paper on the expedition, C.A.I. Boll. xxi. 1–11).

Visited Mount Etna, 1–8/vi; the Monte Rosa Group, 13–17/vii (R.M. 1889, p. 121; he wrote a paper on his ascent of Mont Blanc and his Etna tour in the St. Moritz Post. See xiv. 175–6).

Sommet des Rouies, 3/viii; *Grande Ruine* and *Col de la Casse Déserte*, 8/viii; *Meije*, 23rd ascent, 9/viii; *Pic Coolidge*, 11/viii; *Barre des Écrins*, 48th ascent, 13/viii; *Mont Pelvoux*, 15/viii; *Col du Sélé*, 16/viii (S.T.D. Ann. 1885, pp. 74–84; Itin., p. 89).

He brought back 58 photographs, bringing his total of Alpine views to 534 (note by W. A. B. Coolidge, xiv. 250–1).

1889. Made a winter traverse of *Monte Rosa*, from the Gnifetti Hut viâ the Lysjoch and S. face, 19/ii (xiv. 325; R.M. 89, p. 78; joint paper Boll. xxii. 107).

Caucasus: Met C. T. Dent's party at Vladikavkaz, 13/vii; viâ Naltshik to Bezingi and on to Missess Kosh by Bezingi glacier, 15–20/vii; climbed an unnamed peak, *c.* 4,000 m., near Saluinenbashi, 22/vii; then moved up the Bezingi glacier;

and ascended 'Sella's pass' from W., 27/vii (Freshfield, ii. 260); made a partial ascent to 4,000 m. of one of the summits of Saluinenbashi; stopped 150 m. below the top in order to secure better photographic results, 29/vii. Returned to Bezingi, 30/vii. Ascended the Dumala glen, 1–5/viii; 1st ascent of *Ulluauz Bashi*, 6/viii (Freshfield, ii. 261; see Illustrations in C.A.I. Boll. 1889, p. 273); round by Naltshik to Uruspieh, 7–11/viii; ascent of W. (highest) peak of *Elbruz*, 19/viii; attempt on *Dongosorun* and 1st ascent of its buttress, *Ciat Bashi* or *Kogutai Bashi*, *c.* 22/viii (Freshfield, ii. 247); by *Dongosorun* pass (27/viii) to *Betsho*, 30/viii; at Gulba Kosh, 31/viii–6/ix, ascending a crest, 3,000 m., opposite Ushba. Ascended N. peak of *Leila*, 11/ix; 1st ascent of W. peak and highest peak, 13/ix; returned by *Tuiber* pass to Chegem, 16, 17/ix, and Naltshik (xiv. 451–2; papers, Ö.A.Z. 1890, p. 121, and C.A.I. Boll. 1889, p. 243).

He brought back a very rich harvest of photographs (see Proc. R.G.S. 1890, pp. 96–8; note by D. W. Freshfield), and was awarded the Murchison Grant by the R.G.S., 1890.

1890. Caucasus: starting from Vladikavkaz by the Mamison road, crossed the *Kamunta* pass, and reached the W. Skatikom valley, 15/vii; reached a practicable pass on the Sandur ridge leading to the Karagom glacier, but did not cross it, 17/vii (Freshfield, ii. 268). Crossed the low pass to Zinago and went up the Gurdzivsek valley; made the 1st ascent of E. peak of *Zikhvarga* (*Tsvorga*), 30/vii (Freshfield, ii. 265); and ascended a point on the Sandur ridge, 1/viii. Made the 1st ascent of *Dashi Khokh*, 7/viii (Freshfield, ii. 269), and ascended the Khirkh ridge, from Stir Digor. Crossed the *Stuli-Vcek* pass to Karaul and made two photographic climbs, one a partial ascent of *Fytnargyn*—he gave up completing the 1st ascent in the interests of photography, 18/viii.

Crossed the *Sharisvek* pass to Gebi; ascended *Shoda*; 2nd ascent, by a new route, of *Burdjula*, 30/viii; crossed by the *Vatsistveri* (*Goribolo*) pass, Zeshko and Koreldash valleys and *Zagar* pass to Ushkul; by Kaldeschala valley to Adish and Mujal.

Made the 1st ascent of *Bangurvyan* (his *Latraldash*), –/ix (Freshfield, ii. 251); did some shooting, 19–23/ix, and much photography, including a panorama from *Mesik* (Freshfield, ii. 276).

Left Suanetia by the *Latpari* pass, 5/ix ; went down the Zenes Squali valley, crossed by Orbeli to the Rion valley, and Kutais.

Paper, 'Nel Caucaso colla camera oscura. II° Viaggio' (C.A.I. Boll. xxiv).

1891. *Cimone della Pala* (Ann. Alp. Trid. XVI Guides' Lists), 25/viii ; *Rosetta*, 26/viii ; *Pala di San Martino*, 27/viii ; *Marmolata*, 31/viii, and *Tofana di Mezzo*, all with S. Aitken. His photographs also include views from the *Lobbia Alta*, *Presanella* and *Monte Daino* (see xvi. 70, R.M. 1893, p. 14. About 1894 or 95 an Exhibition).

1895. Visited the Lepontine Alps ; took many photographs from the summit of the *Blindenhorn* (see C.A.I. Boll. 1901, pp. 137, 214, and illustrations, pp. 192, 208, 320).

1896. Caucasus : Vladikavkaz to Kadgaron, 14/vii ; up the Fiagdon valley to Kolota ; ascended *Zuikoi Khokh*, 20/vii, 1st ascent of *Tepli*, central (2nd) peak, 24/vii ; crossed the *Kolota* pass to Zakki valley, 26/vii ; to St. Nicolai, 27, 28/vii ; went up Zea valley and reconnoitred towards Songuta Khokh, 1/viii, but was recalled by the theft of his baggage. Crossed the Kamunta pass, 5/viii ; 1st ascent of *Skatikom Khokh*, 9/viii. Went N. down Uruch valley to visit the unexplored Bogkhobashi group ; crossed the *Burosvek* and another pass to the Sugan valley, 10–13/viii ; climbed the ridge between Sugan and Ptysvachki valleys, 15/viii ; ascended to 10,500 ft. on W. slope of Tuyala, 19/viii ; 1st ascent of N. summit of *Sugan-bashi*, 22/viii, viâ Balkar to Chegem, 23–5/viii ; visited the Jilki Su valley, 26/viii ; 1st ascent of *Kom*, 28/viii. Crossed the *Bashil* (? *Leksur*) pass, 2/ix, reaching Mestia, 3/ix. Reconnoitred Usbha from the Gul ridge, 4–6/ix. Returned to Chegem by the *Tuiber* pass, 8/ix ; to Naltshik and Vladikavkaz, 15–18/ix. Projected attempts on Tiktengen, Sarikolbashi, Boldoski, and Kazbek were abandoned owing to bad weather (xviii. 258 ; paper, xviii. 472–4 ; joint paper, C.A.I. Boll. 1897, p. 321, with many photographs).

1897. With the Duke of the Abruzzi, F. De Filippi, and F. Gonella left Turin, 17/v ; arrived (viâ Liverpool, New York, San Francisco, and Seattle) at Sitka, 20/vi ; Yakutat Bay, 23/vi ; crossed the Malaspina glacier, 1–3/vii ; ascended Seaward glacier, 5–12/vii ; crossed the *Dôme* pass to Agassiz glacier, 13/vii ; ascended Newton glacier to Russell Col, 16–30/vii (7

camps were made during these 15 days); made the 1st (and only) ascent of *Mont St Elias*, 31/vii; returned to Yakutat Bay, 1–11/viii; Seattle, 26/viii; by Canadian Pacific Railway to Toronto; viâ New York to (11/ix) London (xviii. 521; xix. 116).

1899. Himalaya, with D. W. Freshfield (vol. ii), E. J. Garwood, and his brother Erminio Sella, left Darjeeling, 5/ix; rode up the Teesta valley; reached Lachen, where the Donkia La road and the horses were left behind, 17/ix; up Zemu valley (18–20/ix) and glacier (21, 22/ix); the great 40 hours snow-storm of 24/ix then upset all plans and necessitated a complete change of programme. They returned with difficulty to the camp of 21/ix, and after two days started Northward, crossed the *Thang chung La* (16,333 ft.), 29/ix; and the *Thé La* (16,752 ft.), i/x, to the Lhonak river, which they ascended; 1st camp on snow (17,519 ft.), 4/x; crossed the *Jonsong La* (20,207 ft.), 4/x; descended the Jonsong glacier; camped again on terra firma just below its junction with main *Kangchenjunga* glacier (at 17,260 ft.), 8/x; down right bank of the latter and the valley of Kangchen river to Kunza, 9–11/x; here they joined Sir Joseph Hooker's 1848 route, and followed in his steps over the *Senon La* (14,853 ft.), 13/x, and a 2nd pass (15,361 ft.), 14/x; crossed the *Kang La* (16,313 ft.), 15/x, reaching Jongri, 16/x; expedition to the *Guicha La* (16,430 ft.), and back, 17–19/x; ascended *Kabur* (15,830 ft.), 20/x; viâ Pamionchi to Darjeeling, 21–5/x. This was the 1st 'Tour of Kang Chenjunga' by Europeans (xx. 161–84; M.A.V. 1901, pp. 191–5; G.J. xix. 453–73). Freshfield, 'Round Kangchenjunga', to which Sella contributed about 40 illustrations. These and others were exhibited at the Club in June 1900 (see xx. 215–16).

1906. Ruwenzori: with the Duke of the Abruzzi left Naples, 16/iv; arrived at Mombasa, 3/v, at Entebbe, 7/v. Left Entebbe, 15/v; arrived at Fort Portal, 29/vi; Ibanda, 3/vi; Bujongolo, 7/vi; Sella climbed Grauer's Rock, 11/vi; 1st ascents of *Moore's Peak*, 12/vi; *Stair's Peak*, 19/vi; and, from Camp IV, of *Moebius*, 25/vi; two ascents of *Alexandra Peak* (16,749, the 2nd summit of the range), 26, 27/vi, also climbing a rocky spur between the W. glaciers of Moebius and Alexander, from same camp; descended to the lakes to W. of Mt Baker, and camped for a week on Freshfield Col; *Edmund Peak*, direct from the Col by S.

ridge, 2/vii ; 1st ascent of *Sella Peak*, 4/vii ; reascended *Edward Peak*, 11/vii, and *Stair's Peak*, 12/vii.

1909. Karakoram Himalaya.

Rev. Edward Carus Selwyn

(March 1881, d.m. 1918)

Born 25 Nov. 1853, Lee, Kent. Son of Rev. Edward John Selwyn, Head Master of Blackheath Proprietary School, and Maria Hughes, d. of William Hughes Hughes, M.P. for Oxford.

Married, 1st, 1884, Lucy Ada, d. of Thomas Arnold of Dublin, adopted d. of J. W. Cropper of Liverpool, and niece of Matthew Arnold ; 2nd, 1896, Maud Stewart, d. of James A. Dunn, of Hobart, Tasmania.

Educated Eton (Football XI, Newcastle Scholar), and King's College, Cambridge (Scholar) ; Carus Greek Testament Prizeman, 1872 ; Bell Scholar, 1873 ; Browne Medallist (for Greek Ode and Latin Epigram), 1874 ; (for Latin Epigram), 1875 ; 7th Classic, 1876. D.D., 1900.

Fellow of King's College, 1876 ; Assistant Classical Lecturer, 1876–8. H.O., 1879. Curate at St. Paul's, Jarrow-on-Tyne, 1879. Dean of King's College, Cambridge, 1879–82. Divinity Lecturer at King's and Emmanuel, 1881–2. Principal of Liverpool College, 1882–7. Head Master of Uppingham, 1887–1907.

Honorary Canon of Peterborough, 1905. Lived at Hindhead, 1907–18.

Author of 'The Christian Prophets' (1900) ; 'St. Luke the Prophet' (1901) ; 'The Oracles in the New Testament' (1912) ; works mainly concerned with the relation between the Christian documents and Jewish Prophetic Literature as interpreted by the Septuagint.

Died 8 Nov. 1918. (Who's Who, The Times.)

Q. Alpine.

Onorato Caetani Duca di Sermoneta

(Dec. 1882, d.m. 1917)

Born 18 Jan. 1842, Rome. Son of Michelangelo Caetani, 13th Duke, and Calista de Rzewuska.

Married 1867 Ada Constance, d. of Colonel the Hon. Edward Bootle-Wilbraham, Coldstream Guards, and g.d. of Edward 1st Lord Skelmersdale.

Elected as Principe di Teano, 18/xii, but succeeded his father as 14th Duke, 12/xii/1882.

His father, in 1870, was President of the Roman deputation which carried to King Victor Emmanuel II, in October, the result of the Roman Plebiscite.

He early showed patriotic tendencies and became prominent among the ' White ' aristocracy of Rome. Elected to the Chamber at an early age, he voted among the moderate Conservatives, but attained political prominence only in 1896, when he became Foreign Minister in the Rudini Administration, which succeeded the Crispi Cabinet after the disaster of Adowa. His term of office was short, as he was held technically responsible for the once-famous Green Book which Rudini issued in the hope of demolishing Crispi, without having previously consulted the British Government upon the publication of sundry British confidential dispatches.

A man of wide culture and a wealthy landed proprietor, Sermoneta devoted the rest of his life to study and agricultural pursuits.

President of the Italian Geographical Society and of the International Geographical Congress at Venice, 1881. Hon. Correspondent Member of R.G.S. (1883).

Died 1 Sept. 1917. (The Times.)

Q. Alpine.

Member of C.A.I., Rome Section.

Henry Sydney Seymour

(Dec. 1885)

Born 15 Sept. 1855. Son of Rev. Henry Seymour, Rector of Holme Pierrepoint, Notts., and Susannah Biscoe, d. of Rev. Robert Tritton, Rector of Morden, Surrey. Cousin of H. S. Hoare.

Married 1896 Hon. Helen Smith, d. of Right Honble. William Henry Smith and Viscountess Hambledon, and niece of Mrs. W. Brinton.

Educated Marlborough and Balliol College, Oxford ; 2nd Class in Classical Moderations, 1876 ; B.A., 1878.

Clerk in the Office of the Duchy of Lancaster, 1879. Auditor, 1903.

Q. Alps 1878, 80–5.

William Otho Nicholson Shaw

(Dec. 1878, resigned 1880)

Born 22 May 1846. Son of John Ralph Shaw, J.P., of Arrowe Park, Cheshire, and Fanny Harriet, d. of Rev. William Cruttenden Cruttenden, Rector of Alderley.

Married 1887 Marie Odette, d. of Thomas Henry Exshaw of Bordeaux.

Educated Eton and Christ Church, Oxford ; B.A., 1873.

Travelled extensively, and shot big game in the Himalayas and other parts of the world. Succeeded his father at Arrowe Park, 1884. J.P. for Cheshire. Captain in the Cheshire Yeomanry, 1884–8 ; Honorary Major, 1888. F.R.G.S., 1876.

Died 11 April 1910.

Q. ' Extensive travels in the Himalayas, Kashmir, Tibet, Gilgit, &c. Ascents up to 20,000 ft. ; once up to 21,000 ft.'

More than 20 of his heads and other trophies are included in Rowland Ward's ' Records of Big Game '. They comprise caribou, moose, wapiti, pronghorn, and bighorn sheep from Canada and U.S.A. ; chital, chiru or Tibetan antelope, black buck, markhor, ibex, bharal, Tibetan argali, shapu, gaur and tiger from Astor, Ladak Kajnag, and other parts of India.

Charles Russell Shore

(May 1883)

Born 16 Jan. 1850. Son of Richard Nowell Shore, Bengal C.S., and Elizabeth, d. of Charles Dupré Russell, Bengal C.S.

Married 1886 Henrietta Frances, d. of Francis Henry Newland Glossop, J.P., of Isleworth.

Educated Repton.

Entered Home Civil Service, 1872. Clerk to the Lunacy Commissioners.

Q. Alpine.

John Shortt

(Feb. 1877)

Son of William Shortt, of Tuam, Galway.

Educated Trinity College, Dublin. B.A. (Gold Medallist), 1860. LL.B. (Honours) of London University, 1865. Real Property Exhibition and Certificate of Honour, Middle Temple, 1866.

Barrister (Middle Temple), 1866.

Member of the Bar Committee, 1883.

County Court Judge, Cambridgeshire Circuit, 1901–5; East Kent Circuit, 1905.

Author of ' The Law of Works of Literature and Art '. Joint author of ' The County Court Acts '.

Q. Alpine.

Arthur Slee

(May 1877, d.m. 1907)

Born *c.* 1832. Son of Henry Slee.

Married 1853 Helen Susannah, d. of Charles Clutterbuck, artist. Father of A. C. Slee.

Died 8 Oct. 1907.

Q. Alpine.

1877 (?). *Rimpfischhorn*, 1st ascent from the Adler pass, with A. C. Slee (E. Pennine C.G., p. 85 ; Vaccarone).

Arthur Charles Slee

(May 1877, d.m. 1907)

Born 24 Dec. 1856. Son of A. Slee (q.v.).

Married 1885 Mary Matilda, d. of A. P. Boyson (see vol. ii).

Educated Winchester.

Timber merchant.

Died 22 Sept. 1907.

Q. Alpine.

1877 (?). See A. Slee.

William Cecil Slingsby

(Feb. 1880, C. 1889, V.P. 1906–8)

Born 25 May 1849. Son of William Slingsby, of Carleton, near Skipton, Yorkshire.

Married 1882 Alizon, d. of William Farrer Ecroyd, M.P.

Educated Cheltenham.

Manufacturer.

F.R.G.S., 1893. Member of Société de la Spéléologie, 1897.

Q. 'Travels in Norway, including many of the higher peaks, some for the 1st time', and Alpine.

Member of N.T.F.; S.M.C. (1896); subscriber to New Zealand A.C.; one of the founders of the Climbers' Club, 1898; C. 1898–1901; P. 1904–6. Hon. Member of Y.R.C. 1892; P. 1893–1903. Original Hon. Member of F.R.C.C., P. 1910–12. Hon. Member of Rucksack Club (1906); Norske Tindes-Klub.

1872. 1st visit to Norway (all later seasons, except where otherwise stated, are also in Norway). Explored the Hardanger district thoroughly (visited the Vöringfos and Skjæggedalsfos, and went over the *Folgefond* and back, his 1st glacier excursion (see N.T.F.A. 1893, p. 14). Went by steamer to Trondhjem. Returned by the Dovrefjeld (foiled in an attempt on Snehætta, N.T.F.A. 1893, p. 15); Jotunheim (getting his 1st view of the Horungstinder, and visiting the Vettifos); Lærdal (ascending *Okken*); Nystuen (ascending *Stugunøse*); and the Vangsmjøsen (ascending the *Skjoldfjeld*); to Valdres and thence to Christiania ('Norway, the Northern Play-ground', chap. ii), all future references to chapters refer to this book. (See below.)

1874. By Hardanger and Nærødal to Aardal and Vetti. 1st passage of the *Riingsskar* (probably the 1st glacier pass ever crossed in the Horungstinder), with Rev. A. G. Girdlestone and others; by the *Sognefjeld* to Røjshejm; *Galdhøppigen* traversed; 1st ascent of SW. summit of *Memurutind*, and 1st passage of *Rendsdyrskar*; ascent of *Skineggen*; attempt on *Gjeldedalstind*, and 2nd passage of *Mörka Koldedal*; attempt on *Skagastølstind* from Stølsmaradal; (paper, 'Stray Jottings in Jotunheim in 1874', N.T.F.A. 1878, p. 83; and ibid. 1893, p. 14) viâ Amble to Jostedal; by the *Greidungskar* to Faleide; returning to the W. of Jostedalsbræ by Jolsterband, Førde, Sande to Vadheim (chaps. iv–vi, viii, xxi).

1875. A six weeks' tour, with Miss Edith Slingsby. Bergen to Nord Fjord and Lodal (partial ascent of the *Kjendalsbræ*) (N.T.F.A. 1881, p. 100); by Faleide and Hellesylt to Gjervanger-fjord; crossed the *Eidsdalsfjeld* to Ytredal; thence by steamer to Aak; ascended *Middagshaug*, a spur of the Troldtinder, and made a partial ascent of *Great Troldtind*, getting his 1st view of Mjolnir (xi. 153, xiv. 388). By Holsæt and the Lorafjeld to Rojsheim, 29/vii; *Glittertind*, 1st ascent by a lady, 30/vii; *Kirke* pass, 31/vii; to Vetti, 1/viii (paper, 'An English Lady in Jotunheimen', N.T.F.A. 1875, p. 102, chaps. vii and xxxvi, pp. 390–1).

1876. Christiania to Lake Bygdin, 8–13/vii; ascents of *Kalvaahøgda*, 14/vii; *Bitihorn*, 15/vii; 1st ascent of *Thorfinstind*, 16/vii; *Galdebergstind*, 17/vii; *Uranaastind* and *Slingsbystind* and passage of *Uranaasbræ-skar*, 19/vii; 1st ascent of *Gjertvastind*, 20/vii; 1st ascent of *Skagastølstind* (his companions, Emanuel Mohn and another, stopped at the point now known as Mohn's skar, 500 ft. below the summit; he completed the ascent alone), 21/vii (paper by Mohn, N.T.F.A. 1876, p. 78). By Keiser pass and Lyster fjord to Kroken, and over the Krokaband to Aardal (where he met Mr. and Mrs. Spence Watson), 22–8/vii; revisited the Vettifos, and made a rough route through Upper Utla gorge to Vormelid, 29, 30/vii; to *Røjshejm*, 31/vii; attempt on *Store Bjørn* (all with Mohn), *c.* 4/viii (N.T.F.A. 1893, pp. 29–32); traversed *Loftet* alone, *c.* 5/viii; viâ Lom, Mork, and *Kamphamre* pass to Sundal (all with Mohn); viâ Flo over the mountains to Hellesylt and Fibelstadhaugen (where he took part in a bear hunt); thence to Ortennvik, and by the *Standalseid* to Standa; 1st ascent of *Kjølaastind*, alone (chaps. xi–xiv, v, pp. 175–8, xix, xxxii, pp. 358–64, xxxiii, pp. 369–74).

1877. 1st ascent of *Stølnaastind*, 28/vii (paper, N.T.F.A. 1877, p. 59). The rest of the season was devoted to reindeer stalking in Jotunheim (see chap. xix, pp. 245–7, &c.).

1878. Alps (1st season). See xxxi. 71. Attempt, guideless, on N. arête of *Grand Cornier*, with Rev. A. G. Girdlestone and E. Javelle.

1879. Alps. *Weissmies*, without guides; *Adler* pass; *Castor* and *Pollux* traversed from Felikjoch to the Schwarzthor, 12/vii; *Grivola*; attempt on Grand Paradis from Cogne; traversed *Mont Blanc* by the Aiguilles Grises route in a single day of 22 hours, from Courmayeur to Chamonix, 25/vii; *Matterhorn*; *Dent*

d'Hérens traversed from Tiefenmattenjoch to Prérayen, with F. J. Church and G. Scriven (xxxi. 70–81; see 1893 and 1896).

1880. Reached Vormelid (viâ Skjolden, Sognefjeld, and Keiseren pass), 28/x. Looked in vain for bears, 29, 30/x; 2nd recorded passage of the Utladal gorge to Vetti, 1, 2/xi (paper, 'Round the Horungstinder in Winter', N.T.F.A. 1880, p. 87). Returned by the Fille Fjeld and Hallingdal to Christiania (chaps. xvi and xix, p. 247).

1881. Arrived at Balholm, 6/viii, took part in a bear hunt (which ended in a tragedy described by him in 'The Field', 10 Dec. 1881), 8/viii; 1st traveller's passage of the *Lunde Skar* (to Soknesand), 9/viii; returned alone by the Grøningsdal, and across the S. arm of the Justedalsbræ to Vetlefjord, 10/viii, and Balholm. Crossed the mountains from Balholm to Sogndal, 12/viii. Made an entirely new passage of the *Justedalsbræ*, ascending by *Tunsbergdalsbræ*, and making a difficult descent, never repeated, of the *Kjendalsbræ* to Lønesdal, 15/viii; 1st traveller's passage of the *Hjorte Skar*, and 1st ascent of the *Laurdalstinder*, 17/viii; attempt on *Staven*; climbed *Kviteggen*; explored the Mulskreddal (but did not make a pass, having no map); 1st ascent of the highest *Vengetind*, 24/viii; attempt on *Romsdalhorn* and a new pass, 25/viii; ascent of N. and highest summits of *Ulladalstinder*, and new pass from Visdal to Gjendebad, 30/viii; *Knuthulstind* traversed (2nd ascent), 31/viii; 1st ascents of *Heil Stuguho*, 1/ix, and *Melkedalstind*, 2/ix; new pass over Horungstinder at head of *Gjertasbræ*, 3/ix. (An attack on Styggedalstind was postponed to enable Sulheim to join in it, but this proved impossible.)

Papers, 'Chips from the Ice-axe in Norway in 1881', N.T.F.A. 1881, p. 87, and 'Extracts from my Note-book in 1881', ibid. 1883, p. 86; chaps. xxii, xxv, xxxvi, pp. 389–97, and x.

He read a paper before the Club, 'Stray Jottings on Mountaineering in Norway', xi. 142, giving a general sketch of these seven seasons, and describing fully the expeditions of 15/viii and 24/viii/1881. The latter account appeared in Norwegian in the N.T.F.A.

1884. 4th and 1st English ascent of *Lodalskaupe*, with Mrs. Slingsby and T. Anderson, 4/viii; explored the Melkevoldsbræ, making 1st ascents of *Onodags Fjeld*, *Lars Næbba*, and *Urbakken Næbbe*, 6/viii (paper, 'Gleanings from Nord Fjord', N.T.F.A.

1884, p. 81) ; 1st passage of *Urbakken*, with Mrs. Slingsby, 9/viii ; 2nd ascent of *Slogen* and 1st ascent of *Smørskredtind*, 21/viii ; 5th ascent (and the 1st by a lady) of the *Romsdalhorn*, with Mrs. Slingsby, 15/viii ; 1st ascent and traverse of 2nd summit of the *Vengetinder*, and 1st crossing of the *Kvandalsbræ*, 18/viii (xiv. 389–90).

Notes by him, xii. 267–8 ; chaps. xxvi, pp. 304–10 ; xxvii, pp. 315–24 ; xxxiv, xxxvi, pp. 398–403.

1885. With C. Hopkinson, starting from Rise (Nordgulen Fjord) ascended *Kjeipen*, made the 1st ascent of *Tremoenstind*, and crossed the S. edge of the *Aalfotbræ*, spending a night out, to the Skalbrej Vand, 5, 6/ix ; Gjegnalund and 1st ascent of *Bjornetind*, 8/ix ; 1st ascent of *Mjölnir*, 12/ix ; attempt on *Great Troldtind* and new pass over the Troldtinder, 15/ix (xiv. 380 ; paper, mainly by Hopkinson, reprinted chaps. xxx and xxxvi, pp. 403–13).

1886. Alps. *Oberalpstock*, with Mrs. Slingsby ; *Düssistock*, by W. face (see Tödi C.G., p. 29) ; 1st ascent of the *Höhlenstock*, with H. A. Beeching, P. A. L. Pryor, and W. White, without guides, 13/viii (xiii. 126 ; paper, xiii. 133–43).

1887. Alps. *Aiguille de la Za*, with W. Larden, H. Fox, E. Hopkinson, and C. H. Powell, without guides, 23/viii (Arolla C.G., pp. 114–15) ; *Mont Collon*, by A. Barran's route, with Fox, C. H. and L. S. Powell, *c.* 24/viii (Arolla C.G., p. 81) ; 5th ascent by a partly new route of Central (highest) summit of the *Dents des Bouquetins*, with the same, 27/viii (xiii. 410, 530 ; xx. 111, 114 ; Arolla C.G., pp. 95–6) ; 1st ascent of a minor summit, *c.* 11,950 ft., near S. peak of *Dents des Bouquetins*, with G. S. Barnes and a lady (this was the 1st ascent of any point in the S. group), 30/viii (xiii. 411, 529 ; xx. 113 ; Arolla C.G., pp. 99–100) ; 1st ascent and traverse of S. peak and traverse of Central peak of *Aiguilles Rouges d'Arolla*, with A. Macnamara and H. W. Topham, 3/ix (xiii. 411 ; Arolla C.G., pp. 46–8 ; he read a paper before the Club on this expedition, xiv. 84) ; with the same and G. S. Barnes, 1st ascent of the *Dent de Satarma* (Arolla, C.G., p. 16). See C.A.I. Boll. 1899, pp. 146, 150, as to expeditions of 27 and 30/viii.

1889. With G. Hastings, visited the Suphellebræ, 9/viii ; ascended the *Justedalsbræ* by the *Boiumsbræ*, failed to descend the Fondalsbræ, but made the 1st passage of the *Befringsskar*, 10/viii ; recrossed by the *Bjørnesbræ skar* (1st passage), repeating

his ascent of Onsdags Næbbe, and Skytternaasi to Langedal, 12/viii (chap. xxiii); *Eidsnaasi*, 15/viii; 2nd ascent, by a new route, of *Austabottind* and 1st ascent of N. peak, spending the night on Ravn Skar, 16/viii (chap. xviii, pp. 219–28); 1st ascents (by accident) of *Smukejentetind* and *S. Melkedalspig*, 21/viii (N.T.F.A. 1893, pp. 32–4); explored *Maradalsbræ*, but failed to make a new pass, 23, 24/viii; *Uranaastind*, 25/viii, with two, and *Gjertvastind* (*E. Styggedalstind*), 26/viii, with three ladies (xiv. 508–9); 1st ascent from Justedal of *Lodalskaupe* (spending the night just below the summit) and 1st passage of *Bodalskar*, 30, 31/viii (chap. xxix); 1st ascent of *Brekketind*, 3/ix; 1st recorded passage of *Kvitelvedalsskar*, 4/ix (see xiv. 506–9; letter, N.T.F.A. 1889, p. 70; and paper, ibid. 1890, p. 22, on expeditions of 10, 12, and 30–1/viii).

1890. Alps. With W. P. Haskett-Smith and G. A. Solly, *Unter Gabelhorn*, new route over the 'Hartley Spitze'; attempt on the *Rothorn*; and an ascent of the *Dent Blanche* in a thunderstorm which resulted in a night out, 12–13/viii (he read a paper before the Club on this adventure, xv. 304).

1892. Alps. *Aiguille des Charmoz*, Chamonix end of ridge, with Carr and Solly, 5/viii; attempt on the *Aiguille du Plan* from the NW. with E. Carr and A. F. Mummery, an expedition of 54 hours, 13–14/viii (xvi. 442; Mummery, p. 183; he wrote a note on 'Stars seen at Noonday' in connexion with this expedition, xvi. 272).

1893. Alps. With J. N. Collie, G. Hastings, and A. F. Mummery, 1st ascent of the *Dent du Requin*, 25/vii (xvi. 512, xvii. 9; Mummery, chap. vii), and 1st ascent from the W. and 1st traverse of the *Aiguille du Plan*, 7/viii (xvi. 513; Mummery, chap. viii; he described this expedition and his traverse of Mont Blanc in 1879 in a paper on 'Mont Blanc and its Aiguilles', read before the Burnley Literary and Scientific Society, Nov. 1893); *Grand Combin*, new route, with Collie and Hastings, 14/viii (xvi. 516).

All the expeditions in 1890, 92, and 93 were guideless.

1894. *Hveitestrandskar*, 10/viii; 1st passage of the *Austerdalsskar*, 11/viii; *Oldenskar*, 12/viii; new pass over Justedalbræ from Fossheimsdal to Fjærland, 13/viii (xvii. 351–4; chap. xxiv; paper, N.T.F.A. 1895).

Tour of *Midtre Riienstind* by the *Vikingens Skar* (new) and

Riings skar and a new ascent of the peak from the E., 28/viii (xvii. 349); and 1st passage of the *Skagagjel* (chap. xviii, pp. 228–31).

1895. Alps. Made new routes up and down the *Rotstock* or *Rothorn* (Fusshörner) with C. and E. Hopkinson, 2/ix (xvii. 588; Bernese C.G., vol. ii, pt. i, p. 202); and a new descent of the *Gross Nesthorn* by SE. arête with C., E., and J. Hopkinson, 4/ix (xvii. 588).

1896. Alps. *Glärnisch*, with E. Carr and Horace Walker, 28/vi (paper, xviii. 329); *Galenstock*, 6/vii, and *Jungfrau*, 10/vii, with Carr; 1st ascent of Peak No. 3 of the *Fusshörner*, with Carr, C. Pilkington, and G. A. Solly, 13/vii (xviii. 408, xix. 316, and illustrations facing pp. 317 and 318); *Mont Fort* and *Col du Mont Fort*, with Pilkington, Solly, and Walker (Norway, p. 48); *Mont Blanc* traversed, with the same and Carr, viâ Dôme glacier, 26/vii (xxxi. 81–5; MS. note by him to 1893). See S.M.C.J. iv. 242; Alpina, 1915, p. 129.

1898. Lyngen district, Arctic Norway: *Kjostind*, with G. Hastings, 12/vii; with W. P. Haskett-Smith and Hastings, 1st ascent of *Stortind*, 15/vii; 1st passage of the *Strupenskar*, 17–18/vii; 1st ascents of *Østlige* (*Hringhorn*) and *Store Iskartind* and 1st passage of the *Iss Skar* (with Haskett-Smith only), 21/vii; 1st ascent of *Store Jægervandtind*, 23/vii; 1st ascent and passage of *Lenangentind* and *-skar*, 25–6/vii; 1st passage of *Fugledalskar*, 29/vii; 1st ascent of *Fornæstind*, 1/viii (xix. 356–61; he read a paper before the Club on these expeditions, xix. 414, and wrote a short account of them, S.M.C.J. v. 197).

1899. With C. W. Patchell, A. B. S. and O. E. Todd, ascended *Strynskaupe* viâ Sognskar, new descent by N. arête to Lilledalsbrae, 14/viii; *Forsdalskar* (with an accidental variation) and *-bræ*, 15/viii; *Vellesæterskar*; 1st passage and ascent of *Brekketindskar* and *S. Brunstedhorn*, *c.* 22/viii; *Raara*, with G. Hastings, *c.* 24/viii; 1st ascent of *Miendalstind*, 26/viii (chap. xxxiii, pp. 374–6); *Slogen*, new ascent by NW. face and E. arête, with Hastings and the Todds, 28/viii (chap. xxxv). See xix. 606–11; paper, Y.R.C.J. i. 107–12.

1900. *Kviteggen*, new ascent by NE. ridge with G. P. Baker and H. Priestman, 14/vii (chap. xxxii, pp. 365–8); with Baker, attempt to force a pass at the head of the *Aabrakkebræ*, 18/vii; and 1st passage of *Sandenibskar*, 20/vii; *Tyveskar* and descent

(3rd passage) of *Nygaardsbræ*, a new combination, with Baker and Priestman, 22/vii (chap. xxviii); *Dyrhougstinder*; traverse of *Store*, *Vesle*, and *Mellemste Skagastølstind*, with the same, 28/vii; *Nordre Skagastølstind*, *Skagastølsnæb*, and new descent by the *Næbbe Skar*, with Baker, 1/viii; 1st ascent of *Mellemste Skagastølstind* by the 'V' gap, 4/viii (chap. xvii; xx, pp. 267–73, 281; S.M.C.J. vi. 127–9; Y.R.C.J. i. 236–7).

1901. Alps. *La Cedel* (Sorapis group), new ascent by N. ridge, 25/viii (xx. 539).

1902. Alps. See S.M.C.J. vii. 238. With J. J. and W. A. Brigg, E. Greenwood, G. Hastings, and A. C. Roberts, attempt on *Mont Blanc*, 23/vii (described by him, xxxi. 85–7); with Greenwood and the Briggs, *Grand Combin*; *Mont Vélan*; *Col du Chardonnet*; *Hohsand* pass; *Neu Weisstor*.

1903. Lofotens: with J. N. Collie and D. Northall Lawrie, and W. Slingsby jr., ascended the *Kongstind* and *Hermandalstind*, 29/vii; 1st ascents of *Munken*, 30/vii; *Ertenhell Tind*, 2/viii; W. peak of *Rulten*, 10/viii; 2nd ascent by a new route of Central peak of *Langstrandtinder*, 14/viii; 1st ascent of E. (highest) peak of *Rulten*, 18/viii; *Mosadlen*, 22/viii (xxii. 3, cf. S.M.C.J. viii. 78).

In 1904 he published 'Norway, the Northern Play-ground: Sketches of Climbing and Mountain Exploration between 1872 and 1903' (reviewed xxii. 82–5).

1904. Lofotens: 1st ascent of highest *Langstrandtind*, with J. N. Collie, Joseph Collier, and H. Woolley, 29/vii; of *Kjændals Næbbe*, with Collie and A. M. Slingsby, 5/viii; of *Olstind*, 17/viii, and the 2 lower peaks of *Klokketind*, 19/viii, with Collie, Woolley, and A. M. Slingsby; and of the *Mitre* (Biskop's Hue), with Collie and A. M. Slingsby, 22/viii (xxii. 329–33; N.T.F.A. 1905, p. 130).

1906. Partial ascent of the Furugjæl; 1st ascent of the 2 E. summits, and one of the W. summits, and ascent of highest summit, of *Hofsnæbba*, 5–6/vii; 1st ascent of *Dronningenskrone*, descent by the *Grasdalsbræ*, 10/vii; the *Faarskar*, and 1st ascent of the *Vinnufjeld*, 13/vii. He wrote a paper (with map) on this almost unknown region, 'The Ice-axe in Troldheim', xxiii. 513.

1908. 1st complete passage of the *Gravdal's Skar*, with G. P. Baker, H. L. Slingsby, C. W. Rubenson, and others, 16/viii;

Skagastølstind, with Rubenson and others, 18/viii (notes by him, xxiv. 356–8).

1910. Apennines: traverse of *Monte Cairo* from Monte Cassino to Rocca Secca (xxv. 179, and see below, 1911); traverse of all the summits of *Mount Soracte*, ending with the apparently unclimbed NW. peak, 19/viii (xxv. 180; paper, 'Lone Soracte', F.R.C.C.J. ii. 26. See List of Expeditions).

1911. Apennines: Subiaco to Tagliacozzo viâ *Monte Tarino*, 23–5/iv; *Monte Greco* from Scanno, new descent to Roccaraso (paper on these expeditions and the Monte Cairo traverse, xxvii. 17–34).

1912. With C. W. Rubenson, and others, 1st ascent of *Osantind*, 3/viii; 2nd ascent of *Skeistind*, 5/viii; attempt on *Husbyviktind*, 7/viii; 2nd ascent by a new route of *Strandaatind* (the 1st was on 30/vii), 10/viii (xxvi. 466–8, xxix. 24–43; N.T.F.A. 1913, p. 187; and paper on 'Strandaatinden', by another of the party, ibid. pp. 1–32).

1913. Alps and Apennines. Record of Expeditions, xxvii.

1921. Norway, Record of Expeditions, xxxv.

British Isles:

1885. Attempt on *Deep Ghyll, Scafell*, with G. Hastings, 2/iii (xiii. 94).

1886. 2nd ascent (see xxv. 50; F.R.C.C.J. i. 199) of *Scafell* by *Deep Ghyll* (there had been 2 previous descents), 28/iii (xiii. 93–5, Jones, p. 12; Haskett-Smith, p. 33).

1887. *Pavey Ark, Great Gully*, –/iii (Haskett-Smith, pp. 104–5; Jones, pp. 202–3). 1st strict ascent (there had been a previous descent) of the *Needle Ridge, Great Gable*, with G. Hastings and — Hopkinson (Haskett-Smith, p. 96; Jones, p. 144). Ascended *Doe Crags, A. Gully*, and made 1st ascent of the '*Scree Gully Pinnacle*', with H. Priestman, 6/ix (Jones, p. 211; C.C.J. vii. 219).

1888. With W. P. Haskett-Smith, G. Hastings, and E. Hopkinson, 1st ascent of *Doe Crags Great Gully* (Haskett-Smith (q.v.) was lowered into Easter Gully; the rest of the party 'by some lucky chance hit upon a relatively easy line of descent', and rejoined him below the crags), 14/vii (Haskett-Smith, p. 39; Jones, p. 212; C.C.J. vii. 220–3); and a new route from the Rake's Progress by 'Slingsby's Chimney', to the *Scafell Pinnacle*, 15/vii

(Haskett-Smith, p. 138; Jones, p. 68). See xiv. 169–70. He wrote a paper, 'Reminiscences of a few days' climbing in the Fell Country', F.R.C.C.J. i. 253, on these and some of his earlier climbs.

1889. 1st attempt on *Moss Ghyll*, with Haskett-Smith and J. W. Robinson, –/vi (F.R.C.C.J. i. 129; Haskett-Smith, pp. 87–8; Jones, p. 43).

1890. Skye: *Sgurr nan Gillean*, by the Pinnacle ridge with C. T. Dent and others; *Blaven*, by N. face with Dent, Hastings, and H. Woolley; traversed *Sgurr Mhadaidh*, *Greadhaidh*, and *Banachdich*, followed the main ridge to *Sg. Dearg*, and traversed the '*Inaccessible Pinnacle*', with the same, C. Pilkington and Horace Walker; 1st ascent of the *Bhasteir Gorge*, and a new route up the Third Pinnacle of *Sg. nan Gillean*, with Hastings and E. Hopkinson (xv. 422–35; for the last expedition see Abraham, p. 39, and pp. 86–9).

1891. 2nd descent (the 1st under winter conditions) of the *Needle Ridge*, *Great Gable*, and an ascent of the *Napes Needle*, with G. A. Solly (q.v.) and H. C. M. Schintz (Easter).

1st ascent of the *Pillar Rock* by the N. face from Ennerdale, with W. P. Haskett-Smith and G. Hastings, 27/vii (Haskett-Smith, p. 125; Jones, p. 247, xvi. 140, 143, 'Guide', iii, which gives the date). He repeated the ascent with R. W. Brant, E. Carr, G. A. Solly, and Horace Walker.

1892. 1st ascent of the *Eagle's Nest Ridge*, *Great Gable*, with G. P. Baker, W. A. Brigg, and G. A. Solly (after ascending the *Napes Needle*, with the same, C. Pilkington, Horace Walker, and R. W. Brant), 15/iv (Haskett-Smith, p. 41; Jones, p. 147); 1st ascent of the *Arrowhead*, with Baker, Brant, Brigg, and Walker, 17/iv (Haskett-Smith, p. 2; Jones, p. 157); *Pillar Rock*, 4th ascent by N. face, 13/ii. See Solly.

1893. Descent of *Alum Pot*, with J. N. Collie and G. Hastings, –/iv (Y.R.C.J. ii. 35). *Moss Ghyll* (Query attempt only ?), with R. Williams and H. Woolley, 11/ii (Haskett-Smith, pp. 92–3).

1895. 3rd ascent, by a partly new route, of *NE. Buttress* of *Ben Nevis*, with G. Hastings and H. Priestman, 2/vi (S.M.C.J. iii. 331; 'Guide', vii. 165).

1896. *Ben Cruachan*, with Hastings, 2/iv; *Ben Nevis*, by a snow gully, with Hastings and J. Collier, 3/iv; *Aonach Beagh*, by E. ridge, with Hastings, J. N. Collie, and others, 4/iv;

Ben Nevis, Tower Ridge, with Collie, H. B. Dixon, and W. P. Haskett-Smith, 6/iv. He read a paper before the Y.R.C. on these expeditions, 'An Easter Holiday in the Scottish Highlands', Y.R.C.J. i. 173.

Exploration of *Gaping Ghyll*, with E. Calvert and others, 23–6/v (xviii. 185; Y.R.C.J. i. 128).

1897. *Long Kin Hole* (West) explored, with E. Calvert and others, 16/v (xviii. 480; Y.R.C.J. i. 111; Spelunca, iii. 143, iv. 83). 1st ascent of *Mouse Ghyll* (Borrowdale), 3/ix (xviii. 543; C.C.J. i. 38, 105; Jones, 2nd ed., pp. 291–2). *Sell Gill Hole*, Penyghent, explored, with E. Calvert and others, 19/ix (xviii. 567; Y.R.C.J. i. 134; Spelunca, iii. 203). Visited *Ossian's Cave*, Glencoe, at Easter (note by him in Spelunca, iii. 145).

1899. 1st descent of *Boggart's Roaring Hole*, Ingleborough, with E. Calvert, 7/v (Y.R.C.J. i. 140).

1902. Descended *Alum Pot*, 28/ix (Y.R.C.J. ii. 35–41, 68).

1905. Skye: New ascent of '*the Castles*', from Harta Corrie, with H. Raeburn and G. A. Solly, 21/iv (Abraham, p. 278; S.M.C.J. ix. 101; Guide, ix. 240, cf. xii. 34).

1906. Descended *Gaping Ghyll*, with Miss Slingsby, A. Barran, and others, 10/vi (Y.R.C.J. ii. 204–10).

1910. Made his 3rd descent of *Gaping Ghyll*, 16/v (Y.R.C.J. iii. 189); 1st ascent of Gouldon Gully, 22/x (F.R.C.C.J. ii. 87), with H. L. Slingsby and others. See Record of Expeditions.

Wrote an In Memoriam notice of C. E. Mathews (Y.R.C.J. ii. 237–8). Summaries of N.T.F.A. 1891–6, 98, 1902, 05, 07, 12–14, 16, 17 (and Jubilee Festskrift), 1920, 23; of Sv. T.F.A. 1891, 92; of 'Bergen's Fjellmannalag Aars-Oversyn', 1895, the 1st year-book of the Bergen A.C.; Review of a 'Søndmøre Guide Book', xix. 388. Notes of expeditions by Norwegian and other climbers (xvi. 320; xviii. 49–51, 183–5).

Rev. Arthur Sloman

(May 1879, d.m. 1919)

Born 18 Oct. 1851, Farnham. Son of Samuel George Sloman, surgeon, of Farnham, and Catherine, d. of Dr. W. Newnham.

Married 1884 Elizabeth Jane, d. of William Penrose, of Queenstown, and sister of Mrs. C. E. Freeman.

Educated Epsom College and Pembroke College, Oxford. 1st

Class in Classical Moderations, 1872; 2nd Class in Literae Humaniores, 1874. President of the Oxford Union, 1875.

Assistant Master at Rossall, 1876–7. H.O., 1878. Assistant Master at Westminster, 1877–86, Master of Queen's Scholars from 1880. Head Master of Birkenhead School, 1886–97.

Vicar of Godmanchester, Huntingdonshire, 1899–1914; Honorary Canon of Ely, 1907–14; Rural Dean of Huntingdon, 1908–14; Rector of Sandy and Hon. Canon of St. Albans, 1914–19.

Author of 'A Grammar of Classical Latin'; an 'Elementary Latin Grammar'; joint author of 'Latin Prose for Middle Forms'; edited the 'Trinummus' of Plautus, and the 'Andria', 'Adelphi', and 'Phormio' of Terence (the two former with C. E. Freeman), and St. Matthew (Greek Text with Notes).

Died Dec. 1919. (Who's Who. In Memoriam, by C. E. Freeman and G. A. Solly, xxxiii. 117–19; portrait, p. 101.)

Q. Alps 1877, 78.

1877–82. See C. E. Freeman. After 1885 he gave up serious climbing for about 20 years.

1891. Note on the *Col de Fenestral* (Fontanabran), xvi. 54, 116.

1910. See Record of Expeditions.

1911. *Mount Ghitsa*, new descent (xxvi. 214); with J. T. Osler, *Dents de Bertol*, ascent of N. peak, and 3rd traverse of S. (highest) peak, 24/vii (xxv. 749); 1st traverse of the *Vuibez* arête, 28/vii (xxv. 742). See Record of Expeditions.

1912. Traverse of the *Strahlhörner* and *Strahlgrat*, 6/viii (xxvi. 463).

1913. Traverse of both summits of *La Maya* (Arolla), 21/vii; traverse of the *Stellihorn*, 2/viii (xxvii. 450–1).

Alfred Gurney Smith

(31 Jan. 1882, resigned 1906)

Born 1843. Son of John James Smith, J.P., of Watford, a prominent Nonconformist.

Married 1868 Emily Jameson, d. of J. Watson Walker, of Watford.

Educated Amersham Grammar School. Matriculated at London University, 1860.

Member of the firm of Lepard & Smith, wholesale and export stationers and paper-makers, London. Senior partner, 1887 (the firm became Lepard & Smiths, Ltd., in 1891). Served on the Beckenham Urban District Council from 1894; J.P. for Kent, 1901.

Died 21 Oct. 1907.

Q. Alpine.
Original Member of the Climbers' Club.
1879. See R. Starr.

Very Rev. Sir George Adam Smith

(Dec. 1886)

Born 19 Oct. 1856, Calcutta. Son of George Smith, C.I.E., Editor of 'The Friend of India', and Janet Colquhoun, d. of Robert Adam.

Married 1889 Alice Lilian, d. of Sir George Buchanan, C.I.E., F.R.C.P., F.R.S., Medical Officer of the Local Government Board.

Educated Edinburgh High School and University, Tübingen and Leipzig Universities; New College, Edinburgh; M.A., 1875; Hon. D.D., 1892, of Edinburgh University.

Travelled in Egypt and Syria.

Assistant to Rev. John Fraser, Free West Church, Brechin, 1880.

Hebrew Tutor, Free Church College, Aberdeen, 1880–2.

Minister of Queen's Cross Free Church, 1882–92.

Professor of Hebrew and Old Testament History and Theology, Free Church (afterwards United Free Church) College, Glasgow, 1892–1910.

Principal and Vice-Chancellor of Aberdeen University, 1909.

Percy Turnbull Lecturer on Hebrew Poetry. Johns Hopkins University, 1896. Lyman Beecher Lecturer and Hon. D.D. Yale University, 1899. Visiting Professor, Chicago University, Summer Terms, 1896, 99, and 1909. Jowett Lecturer, London, 1900. Earle Lecturer, Berkeley, California, 1909. Schweich Lecturer, British Academy, 1910.

Hon. LL.D. Aberdeen, 1895. W. Reserve University, Cleve-

land, 1903; St. Andrews, 1911. Hon. D.D. Dublin, 1908. Hon. Litt.D. Cambridge, 1910.

Knighted, 1916.

Travelled in Syria and E. of Jordan, 1891, 1901, 1905.

Q. Alps 1884, 85, 86.

1887. *Täschhorn*; *Castor*; *Lyskamm* (xxxii. 106).

Heywood Smith

(Dec. 1879, resigned 1906)

Born *c.* 1838, London. Son of Dr. Protheroe Smith, of London.

Married, 1st, 1870 Emily Anne Gertrude, d. of Lieut.-Colonel Hon. James Hope-Wallace, of Featherstone Castle, Northumberland, g.d. of 4th Earl of Hopetoun; 2nd, 1911 Alice Elizabeth, d. of Rev. Thomas Turner, of Wood Green.

Educated Harrow; Christ Church, Oxford (B.A., 1861), and St. George's Hospital. M.R.C.P. and M.B. London, 1865; M.D., 1871.

Served as House Physician, later as Accoucheur and Physician for Diseases of Women and Children at St. George's Hospital.

For 17 years Senior Physician to the Hospital for Women, Soho Square, and to the British Lying-in Hospital.

Founder (1884) and President of the British Gynaecological Society.

Vice-President of the British Medical Temperance Association and of the Society for the Study of Inebriety, &c.

Associate of the Royal Colonial Institute; Member of Council of the Victoria Institute; V.P. of the Protestant British Israel League, &c.

Author of 'Dysmenorrhoea' (1881); 'Practical Gynaecology, a Handbook of the Diseases of Women' (2nd ed., 1900); 'The Gospel according to Satan' (1894); contributions to the Lancet, &c.

Q. Alps 1864, 74, 77, 79.

James William Garrett Smith

(March 1879)

Artist. Exhibited in London, 1878–87; at the Royal Academy in 1882, 83, 86, 87; 10 pictures in all, including 'The first snow on the Alps over Zmal', 1882, and 'The Roseg Glacier at Sunrise', 1887.

Q. Artistic.

A frequent exhibitor at the Club Exhibitions. See accounts in 1874, 76, 80, 82, 84, 87, 89–91.

William Cecil Smyly

(Dec. 1878, d.m. 1921)

Born 2 Jan. 1840, Dublin. Son of John George Smyly, Q.C., of Dublin, and Eliza, d. of Sir Andrew Ferguson, Bart., M.P. for Londonderry.

Married 1884 Alice Mary, d. of Samuel William Brooks, of Watford.

Educated Harrow (Football XI, 1858) and Trinity College, Cambridge. LL.B., 1863. Rowed at Henley in the 1st Trinity Boat (winning the Grand Challenge Cup, Ladies' Plate, Stewards' Cup, and Visitors' Cup), 1861, and again in 1863; rowed in the University VIII, 1862 and 63. President of 1st Trinity Boat Club, 1861–2; of the University Boat Club, 1863.

Editor of 'The County Court Practice'.

Barrister (Inner Temple), 1864, Northern Circuit. Q.C., 1891.

County Court Judge, Derbyshire and part of Staffordshire, 1895–1902; Bow and Shoreditch, 1902–15.

J.P. for Co. Tyrone and Derbyshire.

Died 4 March 1921. (Who's Who; xxxiv. 190, 328.)

Q. Alpine.

Godfrey Allan Solly

(Feb. 1890, C. 1897–1900)

Born 30 Dec. 1858. Son of Arthur Isaac Solly, of Congleton, Cheshire.

Married 1898 Isobel Ann, d. of sister of J. Maclay.

Educated Rugby.

Solicitor (1882), Birkenhead.

Q. Alps 1887–9.

Member of A.C.C.; Climbers' Club; S.A.C., Basel (1908); S.M.S.

Subscriber to New Zealand A.C. Hon. Member of F.R.C.C.

1890. See W. C. Slingsby.

1891. See E. Carr.

1892. See E. Carr.

1893. Caucasus: arrived at Batum with J. G. Cockin (q.v.), F. W. Newmarch (q.v.), and H. Woolley, 7/vii; by Latpari pass to Betsho; attempt on S. peak of *Ushba*, 19/vii; new pass from Gul Kosh to Mestia (with Newmarch and Woolley), 23/vii (xvi. 524; Freshfield, ii. 247); 1st passage of *Kitlod* (*Tiktengen*) pass (from Zanna glacier to Kitlod glacier), 26/vii (Freshfield, ii. 251); attempt on *Tiktengen* (night out), 28–9/vii (xvi. 525); expeditions from Kalde glacier to the *Adish Gap* and towards *Saddle Peak* (*Katuintau*), 4–5/viii, and towards *Janga Gap* (night out), 9–10/viii (Freshfield, ii. 256). The party was guideless. He read a paper before the Club on the tour, 'Suanetia in 1893', xvii. 165.

1894. Caucasus: with Joseph Collier and F. W. Newmarch, without guides, made the 1st ascent of *Bak Peak*, 23–4/vii (Freshfield, ii. 246); a variation by the Chalant glacier of the pass of 23/vii/1893, 28/vii; and attempts, frustrated by bad weather, on *Svetgar* and *Ushba*, S. peak; and with Newmarch, 1st ascent (and traverse from Latal to Lentschi) of *Mashkin*, 7–9/viii (Freshfield, ii. 274; xvii. 265–6; S.M.C.J. iii. 238).

1895. See S.M.C.J. iv. 62. Spent a month in the Alps, but, owing to an accident in the spring, only did *Gr. Paradis*.

1896. 1st ascent of peak No. 3 of the *Fusshörner*, with E. Carr, C. Pilkington, and W. C. Slingsby, 13/vii (xviii. 408, xix. 316, and illustrations facing pp. 317, 318); *Mont Fort* and *Col du Mont Fort* (see Slingsby, p. 48), with the same; traversed *Mont Blanc*, 16/vii, ascending by Dôme glacier with the same (MS. note to Slingsby paper on 'Mont Blanc and its Aiguilles'); all guideless. See xviii. 327–8; S.M.C.J. iv. 242; Alpina, 1915, p. 129; see E. Carr.

1899. 1st ascent of peak No. 2 (Bernese C.G., vol. i, pt. ii, p. 205) of the *Fusshörner*, with J. Maclay, without guides, 31/vii (xix. 598). See S.M.C.J. vi. 55.

1900. S.M.C.J. vi. 127. With J. Maclay, *Düssistock*, *Scheer-*

horn; *Gr. Windgälle*; *Piz Combriales*; *Tödi* traversed (mostly guideless).

1902. *Aiguilles Rouges d'Arolla* (see Arolla C.G., p. 51); *Dent des Bouquetins* and *Aiguille de la Za*, with J. Maclay; *Petite Dent de Veisive*; *Cols de Seilon* and *de Mont Rouge*, returning by Gietroz glacier and *La Luette*, with Maclay and J. Drummond; *Wildstrubel*; mostly without guides (S.M.C.J. vii. 237).

1903. Made new routes up and down the *Oldenhorn*, 22/vii (he wrote a paper on the expedition, xxii. 130); *Aiguille du Tour* traversed from Trient glacier to *Col du Tour*; *Aig. des Grands Montets*; *Grande Fourche* traversed with J. Maclay, without guides (S.M.C.J. viii. 82).

1904–8. See S.M.C.J. viii. 219; ix. 52, 223; x. 46, 222.

1904. *Dossenhorn* and *Wetterhorn*, without guides; *Eiger*, *Schreckhorn*, *Klein Schreckhorn* traversed (S.M.C.J. viii. 219).

1905. With Maclay, W. W. Naismith, and G. Thomson, without guides, *Winterstock* by NE. arête; *Dammastock* by S. arête; *Tierberglimmi* and *Gwächtenhorn*; *Moosstock*; *Hinter Feldschyn*; *Alpiglenlücke*.

1909. Canadian Rockies; was one of the British guests at the A.C.C. camp at Lake O'Hara; made a guideless ascent of *Mount Odaray*, 3/viii; the 'two-day round' over *Abbot's* pass and *Mitre* pass to Paradise valley and back by the *Wastach*, *Wenkchemna*, and *Opabin* passes, with Mrs. Solly, Miss Maclay, H. B. Dixon, and others, 6–7/viii. Went up the Yoho valley; ascended *Mount Daly*, with A. M. Bartleet, 10/viii; *Mount Balfour*, with the two-day round party and Bartleet, 11/viii; traversed *Mounts President* and *Vice President*, with the same (except Bartleet), A. O. Wheeler, and J. D. Patterson, 14/viii (xxv. 22, he wrote a paper, 'A Fortnight with the Canadian Alpine Club', Canadian A.J. II, p. 134, and see ibid., p. 211). Crossed a pass from Field between Mounts Cathedral and Stephen to the track leading to Lake O'Hara, with Bartleet and others. Ascended *Mount Niblock*, with Mrs. Solly and Miss Maclay (S.M.C.J. xi. 46–9).

1910. See Record of Expeditions and S.M.C.J. xi. 240.

1911. *Pigne d'Arolla* by N. face, with G. L. Collins and J. M. A. Thomson, 7/viii (xxvi. 87). See Record of Expeditions and S.M.C.J. xii. 61.

1912 and 1913. See Record of Expeditions and S.M.C.J. xii. 241, xiii. 55.

1914. Made a new ascent of the *Jupperhorn* by W. arête, with R. Williams and others, without guides, 22/vii (xxviii. 401). See S.M.C.J. xiii. 223, and for record of experiences on return journey (to Genoa, 11/12/viii, and thence in S.S. Cretic, to Liverpool, 13–21/viii), ibid. pp. 241–5.

1921, 22, 23. See Record of Expeditions.

1891. British Isles: Easter; made the 2nd descent (the 1st under winter conditions) of the *Needle Ridge, Great Gable*; and an ascent of the *Napes Needle*, with W. C. Slingsby and H. C. F. M. Schintz.

Made the 2nd ascent of the *Pillar Rock* by the N. face, with Slingsby, R. W. Brant, E. Carr, and Horace Walker, and followed Carr in the 1st passage of the 'Hand Traverse'.

1892. Made another ascent (the 4th) of the N. face of the *Pillar Rock*, with the Hand Traverse variation, 13/ii, with G. Hastings, E. Greenwood, and Slingsby ('Guide', iii). 1st ascent of the *Eagle's Nest Ridge, Great Gable*, with Slingsby, G. P. Baker, and W. A. Brigg, 15/iv (Haskett-Smith, p. 41; Jones, p. 147); and the 2nd ascent.

1893. 1st complete ascent of the *Arrowhead Ridge, Great Gable*, with Brant, Schintz, and H. C. Bowen, 31/iii (Haskett-Smith, p. 2; Jones, p. 157).

Paper, 'Some Early Recollections', F.R.C.C.J. i. 235, on his 1891–3 climbs.

1894. S.M.C. Easter Meet, Inveroran. With J. N. Collie and Joseph Collier, made the 1st recorded ascent of the E. face of *Buchaille Etive Mor*, 24/iii; new climbs on *Aonach Dubh*; and *Bidean nam Bian* (S.M.C.J. iii. 100, 104); and the 1st ascent (there had been 1 previous *descent*) of the *Tower Ridge*, Ben Nevis (ibid. iii. 158).

This meet and these climbs marked a new departure in mountaineering in Scotland.

1898. Skye. (August), with G. P. Baker and J. Maclay, made a new route to the Pinnacle Ridge of *Sgurr nan Gillean* from Loch Corre Riabhach (S.M.C. Guide, ix. 330), and a new route from Tearlach to the foot of Loch Cornisk (S.M.C.J. v. 164–6).

From 1901 onwards was a constant attendant at the S.M.C. Easter meets.

1902. 1st ascent of No. 2 ridge *Sgoran Dubh*, with W. W. King and A. E. Maylard, 31/iii (S.M.C.J. vii. 121 ; 'Guide', vii. 275).

1903. Paper, S.M.C.J. vii. 285.

1904. Attempt on the Rose Ridge of *Sgoran Dubh*, 4/iv. Note by him, S.M.C.J. viii. 118–20 ; cf. viii. 152.

1905. Skye. New ascent of ' the Castles ' from Harta Corrie, with H. Raeburn and W. C. Slingsby, 21/iv (S.M.C.J. ix. 101 ; 'Guide', ix. 340 ; cf. ibid. xii. 34 ; Abraham, p. 278). *Sgurr Sgumain*, &c., with A. E. Maylard, 26/iv (S.M.C.J. viii. 299).

1907. NW. buttress of *Stack Polly*, with G. L. Collins and W. N. Ling, 30/iii (paper, S.M.C.J. x. 179).

1911. Paper, S.M.C.J. xi. 292.

1922. Read a paper before the Club on ' British Mountaineering ; its Development and Contrasts ', xxxiv. 401–8.

1906. *Mittaghorn–Egginerhorn* traversed ; *Weissmies* traversed ; *Ulrichshorn*, with J. Maclay and G. Thomson ; *Mittaghorn* by Ritz glacier (?), with Thomson and J. A. Parker ; *Alphubel* by N. arête ; attempt on *Portiengrat* from the Portge (see E. Pennine C.G., p. 131), which is condemned by Solly ; *Fusshorn* traversed ; *Klein Nesthorn* ; *Hohstock* traversed, with Parker and others ; all without guides.

1910. *Heuberg* ; *Brunnenstock* ; Peak No. 4 of *Fünffingerstöcke* ; with G. L. Collins and others, *Steinlimmi* and *Giglistock* ; *Triftlimmi* to Grimsel ; *Unterbächhorn* ; traverse of *Hohstock* arête ; *Schienhorn* and *Beichgrat* ; with Collins, J. M. A. Thomson, and others, *Bietschhorn* by W. arête.

Wrote In Memoriam notices of Melchior Anderegg, xxix. 65 ; Joseph Collier, S.M.C.J. ix. 47 ; Harry Walker, S.M.C.J. xvii. 27 ; A. Sloman, xxxiii. 118.

Daniel Wintringham Stable

(Dec. 1890)

Born 1856. Son of Robert Scott Stable, of Wanstead, Essex, and Katherine Barrett, d. of Major Wintringham Loscombe, 18th Royal Irish Regt.

Married 1884 Gertrude Mary, d. of George Still Law, barrister.

Educated Guildford Grammar School. LL.B., of London University, 1882.

Solicitor (1878), Wanstead; solicitor to the Prudential Assurance Company, 1883; secretary, 1900; a director of the company, 1915.

Barrister (Middle Temple), 1901.

J.P. for Montgomeryshire; High Sheriff, 1905.

Commissioner of Income Tax for Essex.

Of Wanstead, Essex, and Plas Llwyn Owen, Montgomeryshire.

Q. Alps 1879–83, 87–90.

1882. See R. Hughes.

1891. See G. Broke.

Charles Herbert Stanley

(March 1881, resigned 1894)

Born 23 April 1852. Son of Charles Stanley.

Married 1889 Evelyn Gertrude Turing, d. of Thomas Acland Lawford, of Wimbledon.

Educated Repton.

Member of the London Stock Exchange.

Q. Alps 1874 and 80.

1881. *Täschhorn* by the SE. arête, reaching the arête by a new route from the Weingarten glacier, instead of following it from the Mischabeljoch (E. Pennine C.G., p. 100; xxxiv. 80; Ö.A.Z. 1881, p. 273).

Granville Chetwynd-Stapylton

(31 Jan. 1882, resigned 1891)

Born 11 Dec. 1858. Son of Rev. William Chetwynd-Stapylton, Honorary Canon of Rochester, and Elizabeth Biscoe, d. of Rev. Robert Tritton. Cousin of H. G. Ch. Stapylton, and H. S. Seymour. Brother-in-law of H. Cockburn.

Married 1885 Elizabeth, d. of James Routledge.

Educated Haileybury.

Banker and landowner, Florida, U.S.

Died 29 Oct. 1902.

Q. Alpine.

Henry Goulburn Chetwynd-Stapylton

(31 Jan. 1882, resigned 1899)

Born 20 May 1852. Son of Henry Edward Chetwynd-Stapylton, of Shenley Lodge, Herts., and Esther Charlotte, d. of Edward Goulburn. Cousin of G. Chetwynd-Stapylton.

Married 1886 Mary, d. of Charles Watkin Williams-Wynn.

Educated Eton and University College, Oxford ; 3rd Class in Classical Moderations, 1873 ; 2nd Class in Jurisprudence, 1875. Rowed in his College Torpid, when Head of the River 1872 and 73.

Barrister (Inner Temple), 1877.

Of Hilliers, Petworth, Sussex.

Died at Hilliers, 8 July 1926.

Q. Alpine.

Russell Starr

(Feb. 1878, resigned 1909)

Merchant, Hull.

Q. Alpine.

Member of N.T.F.

1875. *Kaiserjoch*, 16/viii ; *Gepätschjoch*, 17/viii ; *Wildspitze*, 18/viii ; *Weisskugel*, descending to the Matschertal, 20/viii (paper, ix. 31–7).

1879. With A. Gurney Smith, *Hohe Wilde*, 6th ascent (E. ii. 362), 1/viii ; *Hintere Schwarze*, 8th ascent (E. ii. 338), 5/viii. Notes by him, ix. 494–5.

1880. *Ochsner*, 1st ascent from the Gunkelkar, 16/viii (E. iii. 62) ; *Schwarzenstein*, 2nd descent by the Floiten glacier, 17/viii (E. iii. 51) ; *Olperer*, *c.* 8th, and 1st English ascent, 3/ix ; 1st ascent of the *Fussstein*, 5/ix (E. iii. 93), x. 101–3.

1885. Norway : made 2 new passes across the Justedalsbræ (xiii. 152), one of them being the *Langedalskar* (N.T.F.A. 1890, pp. 23, 29 ; cf. Slingsby, p. 275).

With R. L. Harrison, and C. and H. Wilson, made the 1st ascent of *Mander*, the E. peak of the *Maradalstinder*, 12/viii ; and a new route up *Simletind*, 15/viii (xii. 470, xiii. 152–5).

Charles Stonham

(Dec. 1890, d.m. 1916)

Born 27 March 1858. Son of J. G. Stonham, of Maidstone. Married.

Educated King's School, Canterbury, and University College, London; Aitchison Scholar, 1881; Gold Medallist in Surgery, Medicine, and Gynaecology. M.R.C.S., 1881, F.R.C.S., 1884.

Served as House Surgeon, House Physician, and Obstetric Assistant and Senior Demonstrator at University College Hospital, and Curator of the Pathological Museum (part-author of 'Descriptive Catalogue of Specimens').

Became Assistant Surgeon at Westminster Hospital, 1887; Surgeon, 1895; Senior Surgeon, 1897; Lecturer in Clinical Surgery, Teacher of Operative Surgery.

Examiner in Surgery to the Society of Apothecaries, and the Royal University, Ireland.

Was Surgeon-in-Chief, and Officer (Major, R.A.M.C.) in command, of the Imperial Yeomanry Field Hospital in South Africa, 1899–1900; mentioned in dispatches, medals and 4 clasps; C.M.G., and Honorary Major in the Army, 1901. Author of the Report of the Field Hospital and Bearer Company in South Africa. Surgeon-Captain, Middlesex Imperial Yeomanry.

Served in the European War, 1914–15.

F.Z.S.; Member of British Ornithologists' Union; Author of 'Birds of the British Islands' (5 vols., 1906–11). See his remarks on F. W. Headley's paper on the 'Birds of the Alps' (xxv. 286–7).

Died 31 Jan. 1916, after a severe illness contracted while with the Forces in Egypt. (Who's Who. In Memoriam, with portrait, by C. Ruxton, xxx. 332–3.)

Q. Table Mountain, 1882; Alps 1884, 87, 89, 90; Norway, 1886.

Original member of Climbers' Club.

1890. With C. Ruxton, *Finsteraarhorn* traversed; ascent by *Agassizjoch*; *Jungfrau* traversed from N. to S.; *Rimpfischhorn* traversed, from Adler pass; *Dent Blanche*; *Matterhorn*, twice; *Rothorn*; *Gabelhorn* (xxx. 333, cf. Chr. Almer, p. 254).

Hugh Edward Millington Stutfield

(Feb. 1886, C. 1898–1900, Librarian, 1907–9)

Born 10 May 1858. Son of William Stutfield, of Dingwall, Ross-shire.

Married 1900 Joan, d. of John Beattie, of Calcutta.

Educated Rugby and Trinity Hall, Cambridge; 2nd Class in the Classical Tripos, 1881.

Barrister (Inner Temple), 1884, but never practised. Was for a short time on the Stock Exchange.

In Nov. 1881 visited Tangier, intended to stay for a few days, but stopped in Morocco four months, shooting, pig-sticking, &c.; visited Larache and Andgia (mostly for sporting purposes, cf. xxi. 435) and Tetuan. Spent a month in Spain on the return journey.

1883. Returned to Tangier, –/i; left Tangier, 9/ii; travelled through Wazan to Fez (21–4/ii), thence viâ Mequinez to the coast near Rabat, along the coast to Casablanca, turned inland to Morocco (18–24/iii), thence to Mogador (28–30/iii). On the return journey travelled along or near the coast, reaching Tangier 23/iv.

He described the journey in 'El Maghreb; 1,200 Miles Ride through Morocco' (1886).

Revisited Morocco in 1884 and 85.

F.R.G.S., 1890.

Author of 'The Brethren of Mount Atlas, being the first part of an African Theosophical Story' (1891).

Author of 'The Roman Mischief-maker; her teaching and practice' (1919).

Q. Alps 1881, 83, 84, 85; Sierra Nevada 1883.

Member of S.T.D. (1897); D.Ö.A.V., Austria Section.

1883 (?) Spain: visited the Alpujarras and Sierras Nevadas, 2–12/v, making an ascent of the *Picacho de Veleta* (paper, xiii. 80).

1886. *Picacho de Veleta, Gabelhorn, Sonnblick, Hochnarr, Herzog Ernst, Schareck*; without guides. (List, Report of Austria Section, 1887.)

1895. *Aiguille de Grépon*, with S. Spencer (10th ascent), 20/viii.

1896. *Grande Aiguille, Pointe du Vallon des Étages* traversed, with S. Spencer and A. L. Clover; *Meije*, with Spencer, 105th

ascent, 18/viii (S.T.D. Ann. 1896, pp. 59, 64). With Spencer was a member, and the leading organizer, of the search party which discovered and brought down the bodies of MM. Thorant and Payerne (who were killed on the Meije, 19/viii), 20–1/viii (xviii. 263–5, 360 ; letter from him to President of S.T.D., S.T.D. Ann. 1896, pp. 122–6).

1898. Canadian Rockies : with J. N. Collie and H. Woolley (q.v.) reached the Saskatchewan River by the *Pipestone* pass, 31/vii–7/viii ; 1st ascent of *Survey Peak* (with Collie), 11/viii ; shot three big-horn sheep, thereby enabling the expedition to be prolonged for some days, 18/viii (xx. 244–6) ; explored the great Columbia ice-field and made the 1st ascent of the *Dome*, 20–1/viii ; 2nd known passage of *Wilcox* pass (discovered in 1896 by W. D. Wilcox), to the upper basin of the Athabasca River, 24/viii ; 1st ascent of the *Diadem*, the most northerly point attained, 26/viii ; on the way back made an attempt on *Mt Murchison*, 2/ix ; and returned by the Bow pass, making the 1st ascent of *Mt Thompson*, 6/ix. The party, who were guideless, discovered the Columbia ice-field and explored much entirely new ground (xix. 261, 451).

Made the 3rd ascent of *Eagle Peak* (Selkirks) alone, *c.* 13/ix (xx. 501–2 ; Wheeler, p. 317).

1899. Morocco : traversed *Jebel Musa* or *Ape's Hill* (xxi. 434).

1900. Canadian Rockies : with Collie and S. Spencer, tried to reach the main chain from the W., by the untrodden valley of the Rush River, but failed through the difficulties of the route and continuous bad weather. Left Donald on the Columbia River 29/vii, turned back 27/viii ; shot a wild goat ; made the ascent of a peak to the S. of the Bush River, *c.* 8,800 ft.

Selkirks : 6th ascent of *Mount Sir Donald*, 12/ix ; Wheeler, p. 331 ; he read a paper before the Club on the whole season and the ascent of Eagle Peak, xx. 491–504).

1902. Canadian Rockies : with Collie and Woolley reached the Saskatchewan from Laggan by the Bow pass, 24–7/viii ; 1st ascents of *Mt Murchison* (with Collie), 29/vii ; *Mt Freshfield*, 4/viii ; *Mt Forbes*, 10/viii ; *Howse Peak*, 14/viii ; and visited Lyell glacier, 21/viii, on the return journey. 1st ascent of *Mt Noyes*, 24/viii ; arrived at Laggan, 27/viii ; 1st ascent of *Mt Neptuak* (valley of the Ten Peaks), 2/ix (xxi. 336, 363 ; Outram, pp. 315–25, 336–59).

Joint author with Collie of 'Climbs and Exploration in the Canadian Rockies', describing the tours of 1897 (Collie), 1898, 1900, and 1902.

Between 1881 and 1899 did much chamois hunting, first in the Val de Bagnes (1881), then in the Tarentaise, and for about 15 years in the Valtournanche-Valpelline district.

Wrote papers on 'Chamois Hunting above the Snowline', Longman's Mag., July 1894; 'Chamois Hunting in the High Alps', Blackwood, 1895; read a paper before the Club on 'Mountain Sport', xx. 237–46.

Francis Edward Lister Swan

(Feb. 1887)

Born 22 Feb. 1864. Son of Rev. Francis Henry Swan and Emily Anne, d. of William Brown Clarke of Belford Hall, Northumberland.

Married 1892 Mrs. Jane Ada Barnes, widow.

Educated Eton and R.M.C., Sandhurst.

Lieutenant in 19th (P.W.O., later Queen Alexandra's Own) Hussars, 1884. Served in the Nile Expedition, 1884–5. Present at the action of Kirbekan (medal with 2 clasps and Khedive's Star).

Retired *c.* 1890; lived for some years at Pau; took to farming at Beaworth Manor, Alresford, Hants (Beraldi, vii. 225), *c.* 1898–1909; then lived at Richmond, Surrey.

Was for some years Chairman of the late Portsmouth Park Race-course, Ltd.; at present (1926) Director of Kempton Park Race-course, Kempton Park Freehold Land Co., and Hawthorne Hill Race-course.

Q. Pyrenees 1879–83, 85, 86; Alps 1886.

Member of C.A.F., Paris Section, 1882.

1882. Spent three nights with Count H. Russell (vol. ii) in his grotto on the Vignemale, 1–3/viii, during which time he ascended *Vignemale*, *Pic de Montferrat*, and two unnamed points E. of the Vignemale; made a new ascent of the *Pic du Clot de la Hount* by the 'arête perfide et périlleuse', leading from the Pic Long du Vignemale; with Russell descended by the S. side of the Vignemale, following the probable route of the 1st ascents in 1834 and

1838 (C.A.F. Ann. 1882, pp. 257–68); *Pic des Posets*, 10/viii; *Pic de Néthou*, 12/viii.

1883. With his sister ascended the *Vignemale*, 24/vii, and spent a night with H. Russell in the grotto, 24–5/vii (C.A.F. Ann. 1883, pp. 131–3); 2nd ascents of *Pic du Portillon d'Oo* and *Pic de la Hourgade* (see H. Brulle, 1881–2); *Mont Perdu*, 14/viii; *Pic de Louseras*, 16/viii; *Grand Pic de Batchimale*, 18/viii; *Pic de Sauvegarde*, 19/viii; *Pic de Néthou*, 20/viii.

1885. *Pic d'Astazou*, 1st ascent from the N., 16/ix (paper, C.A.F. Ann. 1885, p. 209; Beraldi, v. 12; La Montagne, ix. 681); E. summit of *Pic de Crabioules*, 2nd ascent ('Souvenirs', p. 269).

1886. *Aiguille du Plat*, 10/viii; *Meije*, 11th ascent, 13/vii; attempt on *Barre des Écrins*, 20/viii (S.T.D. Ann. 1881, p. 81); *Mont Blanc*, 26/viii; 5th ascent of *Petit Dru*, 29/viii; attempts on *S. Aiguille d'Arves* and *Pic Bourcet*, 2 and 4/ix; *S. Aiguille d'Arves*, 5/ix; *Brèche de la Meije*, 6/ix; *Le Flambeau* (after another attempt on the Écrins), 8/ix; attempt on *Pic d'Olan*, 9/ix; Pyrenees: with his sister, *Cylindre*, 17/ix; *Balaïtous*, by the E. Couloir, 20/ix (paper, C.A.F. Ann. 1886, p. 667. See Beraldi, v. 125–6).

1887. *Pic des Étages*, *Barre des Écrins* traversed; ascent, 11/vii; *Pic d'Olan*, 13/vii (La Montagne, 1908, p. 196); 1st ascent of *Pic Bourcet*, 15/vii (xiii. 404); *Les Bans*, 16/vii (S.T.D. Ann. 1887, pp. 55–62, 70; ibid., 1904, p. 113).

1891. *Col de la Muzelle*, 6/vi; *Col de la Haute Pisse*, 8/vi; *Col d'Entrepierroux*, 10/vi; 1st ascent of *Pointe Maximin*, 15/vi; *Col de la Vaure*, 16/vi; 1st ascent of W. summit of *Pic de Souffles*, 17/vi; 1st ascent of Central (highest) summit, 18/vi; *Cols de la Vaure* and *de la Haute Pisse*, 19/vi.

Robert Gray Tatton

(Feb. 1888)

Born 7 Dec. 1847. Wythenshaw Hall, Cheshire. Son of Thomas William Tatton, of Wythenshaw and Harriet Susan, d. of Robert Townley Parker.

Educated Harrow (Football XI, 1866) and Balliol College, Oxford; 1st Class in Classical Moderations, 1868; 1st Class in Literae Humaniores, 1871; Rowed in the College Torpid.

Fellow of Balliol College, 1871–86; Lecturer and Tutor, 1872–86; Junior Dean, 1874; Junior Bursar, 1879–82.

Student at the Inner Temple, 1882. After leaving Oxford resided in London, taking part in educational work, member of Council of the London Society for the Extension of University Teaching till 1902, and Organizing Secretary of the Chelsea Centre; member of Councils of Toynbee Hall, the Passmore Edwards Settlement, and the Girls' Public Day School Trust; first Warden of the Passmore Edwards Settlement, 1897–1903.

Joint translator of Lotze's 'System der Philosophie' (1884); Editor of 'Select Writings of Thomas Godolphin Rooper, with memoir' (1907).

Q. Alps 1881–4, 86, 87.

1887. New ascent from the East of *Lo Besso* (Pennine C.G., p. 106).

1893. *Pic Coolidge*, with C. B. Heberden and E. Aves, 6/viii; *Col des Écrins*, with Heberden; *Mont Pelvoux*, 9/viii, and *Col du Sélé*, 10/viii, with Heberden and Aves; *Aiguille du Plat* and *Brèche de la Meije*, 19/viii, with Heberden (S.T.D. Ann. 1893, pp. 82–95, 104).

Wrote In Memoriam notice of C. B. Heberden, xxxiv. 147.

Sir Frederick Taylor, Bt.

(Dec. 1881, resigned 1913)

Born April 1847, Kennington. Son of David Taylor, M.R.C.S., of Kennington, and Maria, d. of Edward Churton.

Married 1884 Helen Mary, d. of Frederic Manby, F.R.C.S., of East Rudham, Norfolk.

Educated Epsom College and Guy's Hospital; M.R.C.S. and M.B., London (University Scholar in Obstetric and Forensic Medicine), 1868; M.D., 1870; M.R.C.P., 1872; F.R.C.P., 1879; was Editor of the Guy's Hospital Reports.

Was Examiner to Birmingham and Durham Universities, the Royal College of Physicians, and the Royal Army Medical College. Examiner in Materia Medica, 1888–93, in Medicine, 1897–1905, to London University; Member of Senate and from *c.* 1907 Representative of the University on the General Medical Council. Senior Physician, later, Consulting Physician to Guy's Hospital.

Consulting Physician to the Evelina Hospital for Sick Children and Epsom College. Physician to the Seamen's Hospital, Greenwich, and the Royal School for Deaf Children. Harveian Orator, 1907. Censor of the Royal College of Physicians, *c.* 1906–7; President, 1915–18. Created a Baronet, 1917. President of the Royal Society of Medicine, 1914–16. President of the Clinical Society, 1905.

Author of a 'Manual of the Practice of Medicine' (11 ed., 1919). Lumleian Lectures.

Died 2 Dec. 1920. (Who's Who.)

Q. Alpine (18 glacier passes all without guides).

1881. With H. G. Hotch, *Gamchilücke* and *Tschingel* pass; *Balmhorn*; 1st ascent (see Bernese C.G. iii. 121; S.A.C.J. xviii. 448) of *Tschingellochtighorn*; with Gotch and G. H. Savage, *Wildstrubel*; attempt to make a new route up the *Blümlisalphorn* from the Kanderfirn, night out, 21–2/viii (x. 360; N.A.P. xiv. 185). All guideless.

1884. Note by him on a Circular Rainbow, xii. 271. *Gisighorn*, with Gotch, 13/viii. With Gotch and Savage, *Unterbächhorn*; *Gross Nesthorn*; with Savage and G. H. Makins, *Piz Bernina*. All guideless.

John Taylor

(Dec. 1880, d.m. 1908)

Born 1845. Son of Dr. Taylor.

Married his cousin Helen Taylor.

Educated King's College School, London. B.A. of London University (Honours in Animal Physiology), 1866.

Clerk in the Board of Trade, Finance Department, 1868–1908.

Died 15 Jan. 1908.

Q. Alpine.

1879. *Matterhorn*, with Robert von Lendenfeld, 29/vii.

Max Guido Franz, Freiherr von Thielmann

(Dec. 1879, resigned 1886)

Born 4 April 1846, Berlin. Son of Franz, Freiherr von Thielmann and Mathilde Friebe.

Married 1886 Cecilie Gräfin von Ross, Ehren-Dame of the Royal Bavarian Theresien-Orden.

Educated Heidelberg and Berlin Universities. Doctor Juris.

At the German Embassy, St. Petersburg, 1871–2. Travelled in the Caucasus, Persia, and Turkey, 1872–3 (see below).

Secretary of Legation at Copenhagen and Bern. Secretary of Embassy at St. Petersburg, 1873–5; at Washington, 1875–8; at Brussels, 1879. Counsellor to the German Embassy at Paris, 1880; at Constantinople, 1883. Consul-General at Sofia, 1886. Envoy at Darmstadt, 1887; at Hamburg, 1890. Commissioner at Berlin for the Russian Commercial Treaty, 1893–4. Envoy at Munich, 1894. Ambassador at Washington, 1895. Secretary of State to the Imperial Exchequer, 1897–1903.

Life member of the Prussian Herrenhaus: Reichsritter des Johanniter-Orden.

Q. Popocatapetl, Cotopaxi, Rottal Sattel. Travels in Syria, Caucasus, Russia, Cuba, Mexico, Rocky Mountains, &c.

Left Odessa, 10/viii; visited the Crimea, 11–16/viii; by sea to Poti, 16–19/viii. Kutais to Rion valley, 23/viii, by Orbeli to Zenes Squali valley (G. Radde's 1864 route), 24/viii; ascended the *Latpari* pass from the S. (apparently the 1st traveller's visit), 26/viii; returned by same route to Kutais, 26–9/viii.

Crossed the Suram pass to Borsham in the Kura Valley, 31/viii, 1–4/ix; viâ Schalkalaki to Alexandropol, 6–9/ix; visited the Ani ruins, 10/ix; to Echmiadzin and Erivan, 11–14/ix. Went on to Aralych, and visited the base of Ararat and the Kipgol Lake, returning to Erivan, 18/ix. By Lake Gotchkai and the Delishan pass (Radde's 1871 route), to Tiflis, 19–21/ix. Made a detour to Signach in Kachetia, 28/ix; returned to the main road viâ Telaw Tioneti, reaching Vladikavkaz, 2/x, and Grosnyi, 3/x; viâ Weden and Bottlich to Gunib in Daghestan, 4–7/x; thence to Petrowsk on the Caspian, 9, 10/x. By sea to Lenkoran, 13–15/ix; thence to Astara and across the mountains by Namin to Ardebil, reaching Taboriz, 24/x. Along Lake Urumia and viâ Binab to South Bulak, 31/x–4/xi; by the *Garuschim* pass (6,180 feet), to Rewanduz on the Greater Zab, reaching Mosul on the Tigris (whence he visited Nineveh), 16/xi. By river to Bagdad, 20–6/xi. Visited Ctesiphon; went on to Hilleh, and visited Babylon, 8–10/xii; then turned West to

Kerbela, 11/xi ; and after a desert march of a fortnight (the most adventurous portion of the journey), reached Palmyra, 26/xii. By forced marches to Damascus, 27–30/xii ; Beirut, 1/i/1873.

He estimated the journey at 6,972 versts, of which 1,725 by steamer ; 500 by Kellek (river-boat) ; 90 by railway ; 1,745 by carriage ; 1,862 on horseback, and 1,050 by camel ; and described it in ' A Journey in the Caucasus, Persia and Turkey in Asia ' (2 vols., English edition, 1875).

1878. Left Quito, 12/i ; camped on saddle between Cotopaxi and Ruminakui, 13/i (3,858 metres) ; camped at 4,652 metres, 14/i ; ascended *Cotopaxi*, 15/i ; returned to Guayagnel, 16–24/i (Letter, vii. 448 ; Trans. Berlin Geogr. Soc. 1878, summarized, ix, pp. 45–7).

Rev. Charles James Thompson

(Dec. 1883, resigned 1905)

Born 1836 or 37. Son of Walter James Thompson, of East Rudham, Norfolk.

Married Harriet Charlotte, d. of William Peter Joliffe, barrister.

Educated King's College, London, and Magdalen Hall (Hertford College), Oxford. 2nd Class in Literae Humaniores, 1871. D.D., 1893.

H.O., 1862. Curate of Christ Church, Rotherhithe, 1862–4 ; All Saints, Gordon Square, 1864–6 ; Christ Church, Lee, 1866–7. (Then at Oxford, see above.)

Diocesan Inspector of Schools in the Llandaff Diocese, 1871–5.

Vicar of St. John, Cardiff, 1875–1901 ; Chaplain, 1883 to 1905, to the Bishop of Llandaff ; Rural Dean of Cardiff, 1889–1901. Proctor in Convocation for the Dean and Chapter of Llandaff, and Honorary Canon of Llandaff, 1892. Member of the Council and Governor of the University of South Wales ; Member of the Cardiff School Board for 10 years ; a Chaplain of Volunteers for 26 years.

Preacher of Gray's Inn, 1901–4.

Died 7 March, 1909, aged 72. (The Times.)

Q. Alps 1877–81, 83.

Member of S.A.C. Section Neuchâtel.

1878. *Matterhorn*, with C. E. Layton, 12/ix.

1888. With S. Aitken, *Gisighorn*; *Aletschhorn*; *Cols d'Hérens* and *de Bertol*, 29/viii; *Col du Mont Rouge*, 30/viii.

1890. *Tofana*, with S. Aitken.

John Joseph Thorney

(April 1888, d.m. 1897)

Born March 1827. Son of John Thorney.

Married 1856 Myra, d. of William Crosskill, of Beverley.

Educated Kingston College, Hull, and in Germany. Served his articles partly with his father, partly in Worcester.

Solicitor, 1849. Practised in Hull in partnership with his father, whom he succeeded as Borough Coroner; he held this office till his death. President of the Hull Law Society.

Was a supporter for many years of the Hull Vocal Society. One of the earliest promoters of the Hull Rifle Corps, was associated with it for 25 years, and served for some time as a Lieutenant, but later elected to go back to the ranks; received the long-service medal shortly before his death; was a first-rate rifle shot (perhaps was the Thorney of the East Yorks. who reached the final stage of the Queen's Prize in 1867).

Died 10 Jan. 1897.

Q. Alps 1885, 86, 87.

Ascended *Mont Blanc* in 1895.

John Walter Hook Thorp

(March 1888, d.m. 1912)

Born 6 July 1851, Macclesfield. Son of Robert Thorp, of Rainow, Cheshire, and Frances, d. of John Thorp of Aldgate.

Married 1877 Louisa Caroline, d. of William Beck, of Upton Priory, Cheshire.

Educated King Edward VI's Grammar School, Macclesfield, and then spent some time abroad.

Partner in the family business of silk manufacturers, carried on at Macclesfield under the title of John Pearson & Co.

J.P. for Macclesfield, 1886; for Cheshire, 1893. Alderman, 1883–6, 1889–1912, Macclesfield; Mayor, 1897–8. Member of the Cheshire County Council, 1898–1904; Alderman, 1906–12.

Joined the Cheshire Rifle Volunteers, 1872; Captain, 1878; Major, 1887; Lieut.-Colonel of the 5th Volunteer Brigade of the Cheshire Regiment, 1892–1903. V.D.

President of the Cheshire Football Union from 1883. For many years represented Cheshire on the Committee of the English Rugby Football Union; was President, 1898–1900; and continued to take an active interest in it literally till his death.

Died suddenly 24 Sept. 1912, in London, where he had gone to attend a private meeting with reference to professionalism in football. (Who's Who; The Field.)

Q. Walks in Tyrol 1864, 70; Alps 1874, 80, 82, 83, 86, 87; Norway 1884.

1887. 2nd ascent of the *Stecknadelhorn*, which was reached from the *Nadelhorn*, a new route, 15/viii (xiii. 413; the 1st ascent was made a week earlier).

Alfred George Topham

(Dec. 1886, C. 1910–12, d.m. 1920)

Born 19 Aug. 1862. Son of John Topham, M.D., F.R.C.P., of Torquay, and Emma Harriet, d. of William Ward of Wolverhampton. Brother of H. W. Topham (q.v.).

Married 1888 Constance Sofia, d. of William Bevan.

Educated Harrow and Caius College, Cambridge; B.A., 1887.

Member of the Royal Thames Yacht Club.

On the Committees of the Royal National Life-Boat Institution and the Metropolitan Drinking Fountain and Cattle-Trough Association.

Spent many summers in later years in the Solent, where he was a successful yachtsman, and many winters at Villars, where he distinguished himself in many branches of winter sport; and was prominent in the management of all kinds of contests. A finished skater and a member of the National Skating Association, and shortly before his death was appointed a judge in the qualifying tests for admission to membership.

During the War was Inspector of the Kensington Division of the Special Constabulary.

Died 8 February 1920 at Villars. (The Times; In Memoriam, with portrait, by J. P. Farrar, xxxiii. 269–70; letter by A. H. Tubby, xxxiv. 186–7.)

Q. Alps 1882, 83, 85, 86.

Member of C.A.I., Section Milan; S.A.C., Section Geneva (1894). Original Member of the Climbers' Club.

1889. *Pigne d'Arolla*, 1st ascent by N. face, 5/viii (xiv. 498; Arolla C.G., pp. 67–8); *Dents des Bouquetins* (central peak), new ascent by W. face and S. arête, 10/viii (xiv. 498; xx. 113; C.A.I. Boll. 1899, pp. 148–9; Arolla C.G., p. 96).

1890. 1st ascent of the N. peak of the *Dent Perroc*, and made from it a new ascent of the central (highest) peak, 31/vii (xv. 303; Arolla C.G., p. 129).

1891. 1st ascent of *Mont Fourchons*, with Mrs. Topham and another, guideless, 18/vii (xv. 542); 1st traverse from *Pointe des Genevois* to *Dent Perroc*, 27/vii (xv. 545).

1892. 1st ascents of *Aiguilles d'Antenéva*, *de Malatra*, and *de Bonale*, 16/vii (xvi. 260); *Dent Perroc*, 1st ascent by S. arête (from Pointe des Genevois) (Arolla C.G., p. 130).

1893. 1st ascents of *Mont Percé* or *Le Tunel*, 23/vii, *Les Trois Frères*, 24/vii, and *Mont Faudéry*, 26/vii (xvi. 515–6).

1894. 1st ascent of the S. peak of the *Dents des Bouquetins*, 18/vii (xvii. 254, xx. 113, xxv. 80); 1st passage of *Col de la Rajette* (Arolla C.G., p. 75) and 2nd ascent of *Monte Cervo*, 20/vii; 1st ascents of the *Aiguille Blanche des Lacs* (see R.M. 1898, p. 525; C.A.I. Boll. 1899, pp. 117–18) and the *Aigle Rouge*, 23/vii; and of the *Punta del Dragone*, 24/vii (xvii. 255–6, 553).

1895. 2nd ascent by a new route of *Punta Centrale del Morion* (Valpelline District), 18/vii (xvii. 580, xix. 269; R.M. 1898, p. 21; C.A.I. Boll. 1899, p. 36).

Wrote papers on 'The Valpelline-Valtournanche Ridge' (xvii. 551–5) and 'The Ridge connecting Mont Vélan and the Grand Combin' (xviii. 125–7; most of it reproduced R.M. 1896, p. 483), embodying the results of his explorations in 1893–5.

1896. 1st ascents of *Mont Clapier* (R.M. xvi. 134), 21/vii; and of *Mont Bovet* and the neighbouring points, 3,283 m. and 3,319 m., 23/vii (xviii. 247–8; C.A.I. Boll. 1899, pp. 38, 118).

British Isles: made the 1st direct ascent of the *Arrowhead* (Great Gable) (F.R.C.C.J. i. 239).

1898. Made new routes up and down the *Grand Golliaz*, 6/vii; and the 1st ascent (and traverse) of Mont Faudéry, No. 2 (on the Mont Vélan Ridge), 7/vii (xix. 244–5).

Wrote a paper jointly with H. V. Reade on the 'Dents des Bouquetins', xx. 110.

1908. List of expeditions, R.M. 1909, p. 157.

Harold Ward Topham

(June 1887, resigned 1900)

Born 22 Jan. 1857, Putley House, Lower Penn, Staffordshire. Brother of A. G. Topham (q.v.).

Educated Marlborough and Magdalen College, Oxford; B.A., 1880.

Barrister (Inner Temple), 1882, but never practised. In 1883 bought land in Florida, and spent about three years there with a brother as an orange planter, but eventually sold the property and returned to England. In his later years made his head-quarters at Cannes.

He was naturally qualified in an exceptional degree to be an all-round athlete, and was well known in the Alps as a remarkable walker on the flat and a great weight-carrier, as well as climber, but he took curiously little interest in games (he represented St. Moritz in the Curling Team, and was Hon. Secretary of the Costabelle Croquet and Tennis Club, and a good croquet player, but these hardly amount to exceptions). On the other hand, he became a strenuous cyclist as soon as the modern bicycle made its appearance, and made several continental tours, notably in out-of-the-way parts of Italy. Later he took up motoring with equal energy. In 1892 he began to practise sailing on the Lake of Geneva; in 1899 joined the 'Red Wing' Club, and did a good deal of sailing on the Solent (was holder of the Wilson Challenge Cup in 1901 and 1908) and at Cannes, where he won, amongst other prizes, the Série Nationale, and in 1913 S.A.R. la Comtesse de Caserta's Cup and the Prix Alzeade. He was a member of the Thames Yacht Club, and for several years on the Committee of the Pembridge Sailing Club.

He became an accomplished skater in Canada, and later in the Engadine was one of the finest figure-skaters of his time in the English style. As a tobogganer he carried all before him for several winters; in 1892 won both the International Race on the Davos run and the Grand National Race on the Cresta run at St. Moritz, and repeated the latter victory in 1894 and 95, but did not com-

pete in 1896, as he did not wish to win the Challenge Bowl outright. He was awarded the Medal of the Royal Humane Society for a gallant attempt to rescue some one who had fallen through the ice on the St. Moritz Lake.

Died unmarried 19 May 1915. (The Field, 10 July 1915, by Mrs. Aubrey Le Blond ; In Memoriam, with portrait, by J. P. Farrar, xxix. 345–7.)

Q. Alps 1879–83, 86.

Member of S.A.C., Geneva Section, 1889.

1886. Variation on the *Ried* pass ; *Südlenzspitze*, by E. arête, 16/viii (xiii. 125); 1st passage of the *Mittaghorn–Egginerhorn* arête, 23/viii (xiii. 182) ; *Südlenzspitze*, by NW. arête, and 1st passage of the arête leading from that peak to the *Nadelhorn*, 29/viii (xiii. 125).

1887. *Allalinhorn*, new ascent from the Hohlaub glacier, 12/vii ; *Fletschhorn*, new ascent by SW. arête, 16/vii, both with G. H. Rendall (q.v.) (xiii. 415) ; *Monte delle Loccie*, new ascent by NE. arête, 25/vii (xiii. 414) ; *Signalkuppe* or *Punta Gnifetti*, new ascent by E. arête, 28/vii (xiii. 414) ; 1st ascent and traverse of S. peak and traverse of Central peak of *Aiguilles Rouges d'Arolla*, with A. Macnamara and W. C. Slingsby (q.v.), 3/ix (xiii. 411, xiv. 84 ; Arolla C.G., pp. 46–8) ; *Mont Blanc de Seilon*, new ascent by E. arête, with Macnamara, 7/ix (xiii. 41 ; Arolla C.G., p. 59) ; *Dent de Satarma*, with G. S. Barnes, Macnamara, and Slingsby (Arolla C.G., p. 16).

1888. Selkirks : 1st exploration of the Illecillewaet glacier, –/iii ; he visited it three times with one of his brothers, ascending to *c.* 9,000 ft., and examined *Mount Sir Donald* (note by him, xiv. 58).

Alaska : left Victoria (Vancouver Island) with H. G. Broke 5/vi, arrived Sitka, 12/vi (thence ascended *Sha-Klohl* or *Spearhead*, with Broke, and *Mt Edgecumbe*). With Broke and W. Williams (who joined them at Sitka), Sitka to Yakutat, 3–10/vii ; landed at Icy Bay, 13/vii ; crossed the *Malaspina* glacier to the Chaix hills, 16–18/vii ; reached and ascended the *Libbey* glacier and examined the SE. face of *Mount St. Elias*, 21/vii ; then went round to the W. and up the *Tyndall* glacier ; Broke was obliged to drop out by the loss of his spectacles, 28/vii ; Topham and Williams reached 7,725 ft., 30/vii, and 11,375 ft., 2/viii, on the

S. ridge of *Mt St Elias*; abandoned the attempt; reached the sea 7/viii and Yakutat 8/viii. Topham was detained at Yakutat till Sept., nearly shipwrecked on his first attempt to leave; finally left 13/ix and reached Sitka 17/ix (xiv. 164; he wrote a paper on the expedition, xiv. 345, and read one before the R.G.S., 'A Visit to the Glaciers of Alaska and Mount St Elias', Proc. R.G.S., vol. xi, n.s., pp. 424–33).

1889. Discovered, 19/vii, and completed, 31/viii, a new ascent of the *Dent d'Hérens* by S. face and E. arête (xiv. 500).

1890. Selkirks: crossed the *Asulkan* pass to Dawson glacier, camped by it for several days, visited Van Horne creek, and made the 1st ascents of *Mount Donkin* and *Mount Fox*. Returned by the Illecillewaet nevé, which he explored, and discovered its true S. limits, reached Glacier House, 21/vii. Recrossed the Illecillewaet nevé to Glacier Circle; explored the Deville glacier and made the 1st ascent of *Mount Deville* (now *Mount Selwyn*); returned to Glacier, *c.* 29 or 30/vii. Then joined Emil Huber and Carl Sulzer of the S.A.C., left Glacier House, 3/viii; ascended Beaver Creek, the foot of Grand glacier, 8/viii; returned with Huber to Glacier Circle, 9/viii, and recrossed the Illecillewaet nevé to Glacier House for provisions with Huber, 10/viii; they camped on the Illecillewaet glacier, 11/viii; again crossed the Illecillewaet nevé, heavily loaded, climbed round by the rocks, reaching the Deville Glacier above the icefall, ascended the whole length of the Deville nevé and descended the Grand Glacier to Beaver Creek, 12/viii.

Made the 1st ascent of *Mount Sugarloaf*, 14/viii; explored the Beaver and Duncan glaciers, locating the watershed between Beaver and Duncan rivers, 15/viii; crossed the pass from Deville glacier to Bishop's glacier and Mitre Creek, 17/viii; by *Donkin* pass (1st passage) and *Asulkan* pass to Glacier House, 18/viii; returned by same route and went up Van Horne Creek, 20, 21/viii; attempt on *Mount Purity*, 22/viii; again obliged to cross Donkin and Asulkan passes to Glacier House for provisions, 24, 25/viii, returning to Van Horne Creek, 27, 28/viii; made the 1st ascent of *Mount Purity*, 29/viii; weather forbade an attempt on Mount Dawson; returned to Glacier House by *Donkin* pass (his 5th passage) and *Asulkan* pass, 31/viii, 1/ix.

He described the tour (very briefly) in 'A few notes about the Selkirks', xv. 418, and wrote some notes on 'The Selkirk Range,

North-West America', in Proc. R.G.S., vol. xiii, n.s., p. 554; fuller particulars in S.A.C.J. xxvi. 266, 279–88, by E. Huber. See also Canadian A.J. vii. 100–4. Much new ground was explored, which was not touched again for 11 years or more, in spite of his being enormously handicapped by having to make numerous long journeys back to Glacier House.

1891. With E. Carr, W. M. Conway, and F. M. Davies, *Mont Herbetet*, 13/viii ; *Château des Dames*, 18/viii ; *Pointe des Genevois*, new descent, with E. A. Fitzgerald, 30/viii (Arolla C.G., p. 126); all guideless.

1892. With H. E. Marsh made a passage, probably new, from Sierre by the Sinièse valley, *Col de Thiery*, *Plaine Morte*, and *Räzli* glaciers, to Leuk, 15/ix ; *Rawyl* pass, 16/ix ; *Balmhorn* traversed, 17/ix ; *Beichgrat*, 18/ix ; *Aletschhorn*, by SW. face and ridge, 19/ix ; *Bietschhorn*, 27/ix ; all guideless (Marsh, pp. 95–127).

1893. With H. E. Marsh, 1st ascent of *Spitzstein* (Query Marsh, p. 142, seems to imply that they climbed it ; but see Bernese C.G., vol. i, part ii, pp. 8–9), 7/vi ; *Klein Lohner*, 8/vi ; *Doldenhorn*, 10/vi ; with J. P. Farrar, *Aiguilles Rouges* (de Chamonix), 13/vi ; with Marsh and Farrar, *Tour Noir*, 18/vi ; *Aiguille d'Argentière*, 19/vi ; with Marsh, *Finsteraarhorn*, 26/vi ; *Jungfrau*, 28/vi ; *Kamm*, 29/vi ; *Aiguille de la Za*, 7/viii ; *Dent Blanche*, 9/viii ; *Col du Grand Cornier*, 11/viii ; *Grand Combin*, 17/viii ; *Ruinette* traversed (cf. Arolla C.G., p. 65), 19/viii ; all guideless (Marsh, pp. 141–81, 226–61).

Alick Charles Tosswill

(Dec. 1886, resigned 1901)

Born 21 Jan. 1845, Redhill, Surrey. Son of William Tosswill, of Reigate.

Married 1869 Jane, d. of G. Gibson Richardson.

Educated Rugby (Cricket XI) and Oriel College, Oxford (Scholar) ; 1st Class in Mathematical Moderations, 1866.

Represented Oxford in the Broad Jump at the Inter-University Sports, 1866 ; won the broad jump for Oxford, 1868.

Assistant Master at Harrow, 1869–1901. Later, of Crowborough, Sussex.

Q. Alps 1885, 86.

1885. *Weisshorn*, 15/ix (xxxii. 105).

1887. '*Dent Blanche*, *Lyskamm*, and other peaks' (xxxii. 106).

1889. Made the 4th winter ascent of the *Schreckhorn*, 3/i (xiv. 248); *Matterhorn*, with Edward Frederick Benson, novelist, 3/ix (see 'Our Family Affairs', by Benson, pp. 247–9).

1890. *Dent Blanche*, with C. H. Liveing, 23/viii (W. E. Davidson's diary).

Rev. Henry Fanshawe Tozer

(Dec. 1879, d.m. 1916)

Born 18 May 1829, Plymouth. Son of Captain Aaron Tozer, R.N. (D.N.B.), and Mary, d. of Henry Hutton, of Lincoln.

Married 1868 Augusta Henrietta, d. of Hans David Christopher Satow of Upper Clapton.

Educated Winchester and Exeter College, Oxford (Scholar); 2nd Class in Literae Humaniores, 1850.

H.O., 1852. Fellow of Exeter College, 1850–68 and 1882–93; Tutor, 1855–93; Librarian, 1855–68; Honorary Fellow, 1893.

Examiner in Classical Moderations, 1866–8, 73, 78–9, 82–4. Curator of the Taylor Institution, 1869–93.

Fellow of the British Academy. Vice-President of the Society for the Promotion of Hellenic Studies, 1879–93. Corresponding Member of the United Armenian Educational Societies (1881), and of the Historical Society of Greece (1882). Honorary Member of the Parnassus Philological Society of Athens (1897).

F.R.G.S., 1863.

Author of 'Lectures on the Geography of Greece' (1873; see viii. 318, where his account of Mt Taygetus is quoted); 'A Primer of Classical Geography' (1877); 'The Church and the Eastern Empire' (1888); 'The Islands of the Aegean' (1890); Selections from Strabo, with Introduction on 'Strabo's Life and Works' (1893); 'History of Ancient Geography' (1897); a Commentary (1901) and Prose Translation (1904) of Dante's 'Divina Commedia', &c. Contributions to the Journal of Hellenic Studies, Classical Review, Academy, &c., and articles on Attica, Euboea, Medieval Greek History, Macedonia, Thessaly, Thrace, Trebizond, &c., in 9th ed. of 'Encyclopaedia Britannica', and Santorin in 11th ed.

Edited new editions of Finlay's 'History of Greece' (1877) and

Wordsworth's 'Greece' (with notes of recent discoveries, 1882); Byron's 'Childe Harold' (1885).

Died 2 June 1916. (Who's Who; The Times; In Memoriam, xxx. 330; G.J. xlviii. 176.)

Q. Travels in Greece and Asia Minor; Mont Blanc, Mount Argoeus, and many mountains in Greece; author of 'The Highlands of Turkey'.

1853. Visited Mount Athos; left Salonika by boat, 10/vi, landed at the Skala Katerinis and followed the coast to mouth of Vale of Tempe; crossed Thessaly viâ Larissa and Trikala, visited the Meteora monasteries, ascending to the convent of Barlaam by the Rope and Net in orthodox fashion; crossed the central range of Mount Pindus by the *Zygos* pass (5,063 ft.), and a 2nd pass over the Drysco ridge to Janina (nearly 100 miles); visited the Zetza Monastery, 17/vi; crossed another range and descended the valley of the Acheron to Parga and crossed thence to Corfu, 18–20/vi.

1860. Norway: left Christiania, 11/vii, by Lillehammer, Gudbrandsdal, and Romsdal to Veblungsnæs, 16/vii; by boat to Trondjhem and Hammerfest, 25–7/vii; returned by the Dorrefjeld and Romsdal to Vestnæs; thence by boat and carriole viâ Scholt, Hellesylt, and Grodaas to the Oldendal, visited the Brixdalsbræ; by Førde to Vadheim, thence to Bergen; thence to Vosserangen (from which he visited the Voringfos), and by Nærødal, Nærøfjord, and Sognefjord to Levidalsoren; thence back to Christiania. He described the tour in 'Vacation Tourists', 1860, chap. xi.

1861. After spending three weeks at Constantinople and Broussa (and ascending the *Mysian Olympus*), left Constantinople, 31/vii; landed at Dardanelles village, 1/viii; visited the plain of Troy, ascending *Mt Ida* (5,570 ft.); returned to Dardanelles, 11/viii; by sea to Kavoia; thence to the Mount Athos peninsula, 13/viii; spent 10 days amongst the monasteries; ascended *Mount Athos*, 19/viii; to Salonika, 23–4/viii.

Left Salonika, 27/viii; by Vodena and Ostrovo to Monastir; thence by Ochrida, El Basan, Berat, to Ergeri (Argyro Castro), across the Mt Sopoti range to Delvinon Butrinto and Corfu (*c.* 7/ix).

1865. Reached Cattaro by sea, 15/vii; left Cettinje for

Rjeka, 20/vii; crossed the lake to Skodra, 21–2/vii; visited the Merdite Chief at Orosch and ascended *Monte Santo* (4,890 ft.); thence to Prizren; by the Scardus pass to Kalkandele, 29/vii, and Uskub; down the Vardar valley to the Ardzan Lake, thence by Avret Hissar to Salonika, 4/viii.

Left Salonika, 6/viii, for the Skala Katerinis; to Monastery of St Dionysius, 7/viii; made the 3rd recorded ascent of peak of *St Elias* or *Mount Olympus* (*c.* 9,750 ft.), 9/viii (meant to stay near this peak and try to reach the highest peak, which had not yet been attempted, the next day, but was driven down by a snowstorm) (see G.J. xlvii. 293); descended to Litochoron; crossed the ridge between Olympus and Livadaki and inspected the W. side of the former; crossed the W. flank of Mt Osa to Agyia and Keramidion; ascended 4,200 ft. on the ridge of Mt Palion, descending to Zagora, 18/viii; traversed Mt Pelion, 20/viii; to Volo, 21/viii.

1874. Spent a month in Crete and Aegean Islands (March–April), described in 'Notes of a Tour in the Cyclades and Crete', Academy, 1875.

In the 'Highlands of Turkey' (2 vols. 1869) he described very fully the journeys of 1853 (in vol. ii), 1861, and 1865 (in vol. i).

1878. Ascended *Mont Blanc*, 15/vii.

1879. Left Constantinople, 14/vii; landed at Samsoun, 16/vii; started, 17/vii, on horseback for Amasia; there 19–21/vii; crossed the Halys River, 28/vii; Kaisarieh, 29/vii; left for Everek village, 31/vii; ascended *Mount Argoeus* (*c.* 13,000 ft.), 2/viii (3rd modern ascent); returned to Kaisarieh, 5/viii; reached Sivas, *c.* 10/viii; left, 12/viii; entered Armenia, crossing the Anti-Taurus by the pass of Delik Tasch (*c.* 6,000 ft.); reached and crossed the Euphrates at Keban Maden, 15/viii; viâ Kharput and Palu to Musk; crossed a pass between Armenia and Kurdistan (5,650 ft.) to Bitlis, 27/viii; reached W. shore of Lake Van, 29/viii; ascent to Sipan (12,000 ft., highest point between Argoeus and Ararat), 1, 2/ix; crossed Lake Van to Van City, where he met Captain E. Clayton (vol. ii), 4–5/ix; on by Lake Artschag, reaching head of Lake Van, 7/ix; *Dellaba* pass, 12/ix; Erzeroum, where he met Major H. Trotter (vol. ii), 16–18/ix; arrived at Trebizond, 25/ix, and sailed thence for Constantinople. He described the tour in 'Turkish Armenia and Eastern Asia Minor' (1881; reviewed x. 235).

Rev. Francis Johnson Tuck

(June 1882, d.m. 1921)

Born 1856 or 57. Son of Rev. John Johnson Tuck and Lucy, d. of Barry Girling, of E. Dereham.

Married 1888 Ethel Mary, sister of G. F. Woodroffe (q.v.).

Educated Eton (Football XI, 1875) and King's College, Cambridge (Scholar); B.A., 18th Wrangler, 1880. University Association Football XI, 1879.

Assistant Master at Wellington, 1880–5. Assistant Master at Eton, 1885–1900.

H.O., 1883. Vicar of Sedgeford and Rector of Southmere, Norfolk, 1900–21.

Died 15 July 1921.

Q. Alps 1878, 80, 81.

Member of N.T.E.

1878. *Mont Blanc*, 28/vi (C.A.I. Boll. xiii. 578).

1881. *Jungfrau*; *Wetterhorn*; *Finsteraarhorn* (xxxii. 103).

Joshua Alfred Vardy

(May 1887)

Married, 1st, 1883 Victoire Marguerite Pauline, d. of F. Brunner, of Sion, Canton Valais; 2nd, 1887 Mary Kingston, d. of Robert Kingston Burt, of Highbury New Park.

Solicitor (1876), London.

Q. Alpine.

Original Member of the Climbers' Club.

1886. Made the 1st ascent of the N. summit of the *Dent Perroc*, 1/ix (xv. 303; Arolla C.G., p. 128).

Henri Vincent

(Dec. 1881)

Newspaper proprietor. Grenoble Editor of L'Impartial Dauphinois.

Q. Alpine.

Member of S.T.D., 1876; of C.A.F., Isère Section, 1877.

1867. Made the 2nd ascent of the *Barre des Écrins*, 18/vii

(Whymper, p. 221 note ; C.A.F. Ann. 1882, pp. 36, 66 ; his own account was given in Le Correspondant, 10/x/1872); *Mont Blanc*, 3/ix.

1877. Present at C.A.F. Congress at Grenoble, 12–14/viii. His account of the festivities at Uriage, 14/viii, in L'Impartial Dauphinois is quoted Bull. 1877, pp. 283–9. Account by him of H. Cordier's accident, ibid., quoted N.A.P. vi. 32–3.

1878. 1st ascent of the *Cime de la Cochette*, 9/viii ; present at the S.T.D. fête at Lautaret, 15/viii ; *Col de la Lauze*, with H. Duhamel and many others, 17/viii.

1879. 1st ascent and passage of *Tête du Salude* or *des Liches* and *Col du Salude*, 18/viii (x. 95 note, 491 ; xiii. 65 note ; paper, S.T.D. Ann. 1879, p. 141).

1882. *Cols des Chamois* ; *de Mantagnelle*, 11/vi ; *du Sellar*, 12/vi ; *du Chardon*, 14/vi, with H. Duhamel (C.A.F. Bull. 1882, p. 228 ; S.T.D. Ann. 1879, p. 141 ; C.A.F. Ann. 1884, p. 52).

1884. Present at S.T.D. Réunion Alpine at La Morte ; recited a poem of his own composition, ' Aux Dames ', at the dinner, 29/vi (S.T.D. Ann. pp. 83–4) ; ascended the *Taillefer* with H. Duhamel and 14 others, 30/vi (ibid., pp. 57–8).

Bruno Wagner von Freynsheim

(May 1879, resigned 1886)

Born 1851, Salzburg. Son of a high official in Salzburg.

Married 1882 or 3 Fräulein Rose von Rosthorn (d. 14/i/1919 ; see Ö.A.Z. 1919, p. 41).

Rechtsanwalt, Vienna. Later Leiter of the Rechtsbureau of the State Railway Co. On its Verstaatlichung, he was taken over by the Nordbahn-Direktion, and retired as Hofrat and Direktor-Stellvertreter, 1919. Hof- und Gerichts-Advokat, Vienna. Great sportsman (especially chamois and black game). Photographer and artist. K.K. Oberlieutenant in Tiroler Landwehr (see below, 1880).

Disappeared mysteriously after starting for a solitary walk, 24/viii/1919 (M.A.V. 1919, p. 110 ; In Memoriam, Ö.A.Z. 1920, pp. 48–51). His body was not discovered till 22/ix/1920 (M.A.V. 1920, p. 58 ; Ö.A.Z. 1920, p. 215).

Q. Alpine.

Member of D.Ö.A.V., Section Austria, 1875; C., 1878–9. Mem-

ber of Austrian A.C., 1879; V.P., 1880–xi/82 (Ö.A.Z. 1883, p. 239); member of Building, Editorial, and Library Committees, 1880–1; of Instruction and Hut Committees, and Committee on Guides' Affairs, 1881.

Early in 1879 he signed a circular issued by the Section Austria of D.Ö.A.V. attacking the Austrian A.C. and declaring that a member of the Section Austria cannot loyally belong to it (M.A.V. 1879, pp. 56–8; see J. Meurer as to all this). However, he seems to have joined it himself soon afterwards, and later in the year he resigned his place on the Committee of Section Austria (M.A.V. 1879, p. 198).

1875. *Gross Wiesbachhorn*, with E. Richter and others, 10/viii (M.A.V. i. 195).

1876. *Monte Antelao*, 27/viii (paper, Z.A.V. viii. 106).

1877. *Kitzsteinhorn*; *Schareck* (M.A.V. 1877, p. 233); *Ortlerspitze*, 19/vii; *Cevedale*, 21/vii; *Monte Tresero* and *Punta di S. Matteo*, a traverse, partly new, to Pejo, 23/vii (E. ii. 172). He read a paper before the Section Austria (M.A.V. 1878, p. 4) on these expeditions (Tourist (1878), vol. x, pt. ii, p. 65; Z.A.V. viii. 312); *Marmolata* (M.A.V. 1878, p. 68); *Hochnarr*, 2nd winter ascent, 25/xii (M.A.V. 1878, pp. 44–5; E. iii. 245).

1878. After an attempt 28/v (described Tourist (1878) x), made the 3rd ascent of the *Rosengarten Spitze*, 29/vi (M.A.V. 1878, p. 166, 1879, p. 222; E. iii. 382); *Sass Rigais*, 1st recorded ascent, 4/vii (M.A.V. 1878, p. 166; E. iii. 371, 375). He read papers before Section Austria (M.A.V. 1878, pp. 224–5, 1879, p. 9) on both expeditions, Z.A.V. ix. 309, x. 288; see also ibid. xix. 379. List of expeditions, Z.A.V. vol. x, pt. ii, p. 68.

1879. *Reichenstein*, with O. Schück and others, 2nd guideless ascent, 1/vi (M.A.V. 1880, p. 24; E. i. 386, 429); he read a paper before the Austrian A.C. on the expedition, Ö.A.Z. i. 145; *Col du Géant*, 22/vii, and *Mont Blanc*, 25/vii, with J. Meurer (q.v.) and A. de Pallavicini (he read a paper before Section Austria, M.A.V. 1880, p. 39) on these expeditions; see Tourist, vii (1880), Nos. v to xi; see also Meurer, Ö.A.Z. 1880); *Matterhorn*.

1880. With G. Gröger (q.v.) and O. Schück conducted an Instructionstour on the *Schneeberg*, 14/iii, which acquired notoriety owing to an accident which occurred on the mountain the same day (report by him, Ö.A.Z. 1880, pp. 75–6 and 90–1); *Hochfeiler*, with J. Meurer, 19/v (Ö.A.Z. 1880, p. 162); *Schreck-*

horn, 26/vii (paper read before O.A.C., illustrated by his own sketches, Ö.A.Z. ii. 350 ; iii. 1) ; *Mönchjoch* and *Jungfrau*, 29/vii (paper, Ö.A.Z. ii. 313 ; List, Ö.A.Z. 1881, p. 12 ; Reiseberichte, ibid., pp. 213, 221, 307). He also wrote a paper describing the ' Alpine Feld-Manöver in Tirol ' (26/viii–2/ix), Ö.A.Z. 1880, p. 266.

1881. *Watzmann*, with O. Schück (q.v.) on Easter Sunday (Ö.A.Z. 1881, p. 106, 1882, pp. 21–2) ; *Cima Tosa*, 2/viii (E. iii. 305–6 ; paper, ' Aus der Brenta-Gruppe ', Ö.A.Z. iii. 305) ; *Presanella*, new ascent by NE. arête, 4/viii (E. ii. 237 ; papers, Z.A.V. xiii. 122 and Levasseur, p. 329).

1882. *Hochkönig*, 1st winter ascent, 1/i (M.A.V. 1882, p. 19 ; Ö.A.Z. 1882, pp. 6, 21–2 ; E. i. 271, from Vienna and back in 36 hours). *Hochtenn*, on Whit Sunday (Ö.A.Z. 1882, p. 146).

Hochfeiler, with Fräulein R. v. Rosthorn (1st recorded ascent by a lady), –/viii (Ö.A.Z. 1882, p. 237).

1883. With Frau R. Wagner and others, *Gösseck*, without guides, Whit Sunday (Ö.A.Z. 1883, p. 141, 146) ; *Ortlerspitze*, 3/vii ; *Königsspitze*, 6/vii (ibid., p. 190) ; *Hocheiser* ; *Grosse Zinne* (Frau R. Wagner) and *Vordere Zinne*, with a variation, 4/ix (ibid., p. 257 ; M.A.V. 1883, p. 337 ; E. iii. 521).

1884. With Frau R. Wagner, *Oelgrubenjoch* and *-spitze*, 1/ix ; *Kesselwandjoch*, 2/ix ; *Weisskugel*, 3/ix ; *Cevedale* and *Königsspitze* (Frau R. Wagner), 10/ix (Ö.A.Z. 1884, p. 306). He wrote a paper, ' Hochtouren im Oetzthaler und Ortler Gebiete ' (ibid. 1885, p. 190) ; she wrote a paper on the Königsspitze (ibid., p. 217).

1885. *Cadini di San Lucano*, 31/viii (R.M. v. 180) ; *Croda Rossa*, 2/ix (paper, Ö.A.Z. 1886, p. 99 ; list, ibid., p. 18) ; *Gr. Buchstein*.

1886. *Grand Combin*, traversed from Bourg St Pierre to Mauvoisin, 5/vii ; *Col de Seilon* and *Pas de Chèvres*, 7/vii ; *Cols de Bertol* and *d'Hérens*, 8/vii (paper, M.A.V. 1887, p. 189) ; *Unter Gabelhorn* ; *Monte Rosa* (Reiseberichte, Ö.A.Z. 1886, p. 193 ; list, ibid. 1887, p. 20, and Report of Austria Section of D.Ö.A.V. 1887).

1887. Hohe Tatra. Read a paper before section Austria on ascents of *Lomnitzerspitze* and *Schlagen*. *Dorforspitze* ; wrote a paper on a passage from Schmecks to Csorba over the *Gerlsdorferspitze* (Ö.A.Z. 1887, p. 107).

1888. *Ankogel* ; *Sonnfleck* ; *Zirbitzkogel* (list, Ö.A.Z. 1889, p. 25).

1889. *Hohe Göll* (viâ Alpeltal and *Hohe Brett* to Königssee); *Hohe Saulenkopf* (list, ibid. 1890, p. 21).

1890. *Grimming* (ibid. 1891, p. 22).

1907. *Olperer*, *Schönbichlerhorn*, *Rotspitze*, *Dreiherrenspitze* (ibid. 1908, p. 107).

1908. *Hochgall*; *Zirbitzkogel*; *Moistroka* pass (ibid. 1909, p. xvi).

1909. *Rusica* (W.); *Gr. Elendscharte*, *Korntauera*, *Breitkopf* (ibid. 1910, p. xiii).

Wrote a paper, 'Hoch-Touren in der Schweiz und in Tirol: Eine vergleichende Betrachtung', Z.A.V. 1883, p. 353. In M.A.V. 1884, p. 184, he replies to some criticisms on it.

Benjamin Wainewright

(Feb. 1879, d.m. 1910)

Born 1853. Son of John Wainewright, Taxing Master in the High Court of Chancery. Brother of J. H. Wainewright.

Educated Edinburgh University. M.B., 1880. F.R.C.S., 1883.

Was Senior Resident Surgeon at the Edinburgh Royal Infirmary, and Demonstrator in Anatomy at the University.

Practised for some years in London as an eye-specialist; was Consulting Ophthalmic Surgeon to the Medical Aid Society, Surgeon to the Charing Cross Hospital and the Westminster Ophthalmic Hospital, Surgeon-in-Charge of the Aural Department of the West London Hospital.

Died at Pontresina 29 Aug. 1910. (In Memoriam, xxv. 536.)

Q. Alpine. 1st season, 1873; from that year till his death only missed two climbing seasons in the mountains.

1878. *Piz Roseg*, by a new route from the S., 1st ascent made without traversing the lower peak, 13/viii (ix. 113; Studer, iii. 137). Had a remarkable escape on *Piz Palü* with Mrs. J. H. Wainewright, 26/viii (ix. 102, 165; N.A.P. viii).

1879. *Hohberghorn*, 2nd ascent by a new route, 9/ix (x. 339–40); *Matterhorn* traversed to Breuil, 5/ix.

1880. *Piz Bernina*, new ascent by W. face from Tschierva glacier, 15 or 16/viii (x. 100).

1882. Made the 1st ascent of *Piz Prievlus*, 19/vii (xiv. 160 ; S.A.C.J. xviii. 451 ; N.A.P. xvi. 53, account by Christian Grass).

1886. With E. J. Garwood, *Monte di Scerscen*, 4th ascent, new route by S. face, thence made the 1st passage of the NE. route to Fuorcla Scerscen–Bernina, and reached the shoulder of *Piz Bernina* by the SW. arête (2nd ascent by this route), thus practically completing the ascent of both peaks in a single day, 7/ix (xiii. 127 ; he read a paper before the Club on this expedition, 'The Monte di Scerscen from the Scerscen Glacier', xiii. 301). See L. Dècle.

1890. *Diavolezza*, 24/ii ; *Piz Palü*, 27/vii (Ö.A.Z. 1890, p. 105) ; *Fuorcla Tschierva–Scerscen* (*Güssfeldtsattel*), 4th passage (?), with E. J. Garwood and J. H. Wainewright, 11/viii (xv. 498).

1893. Made new routes up and down *Punta Rasica*, with E. J. Garwood, 1/ix (xxv. 21 ; Bernina C.G. i. 132–3).

By far the greater number of his holidays were spent in the Engadine. He returned to Pontresina year after year, and made repeated ascents of Piz Bernina and the other principal peaks, many of them without guides.

Thomas William Wall

(Dec. 1880, resigned 1920)

Born 6 March 1855. Son of Rev. Garrett Wall, Holy Cross, Thurles, Ireland.

Educated Marlborough (Football XV, 1872 ; Captain, 1873) and Keble College, Oxford ; 3rd Class in Natural Science, 1878. Played in Rugby Football XV *v.* Cambridge, 1876 and 77.

Assistant Master at Twyford School, near Winchester ; at Giggleswick, 1887 ; at Exeter School till 1908.

Q. Alpine (Ampezzo Dolomites).

Member of S.A.C., Section Diablerets.

1880. Probably the brother mentioned by C. G. Wall, x. 180.

1883. 1st ascent of N. face of *Lliewedd* (Snowdon), 4/i (xi. 239–41, note by him).

1884. *Croda da Lago*, 3rd ascent of N. face, 6/viii (E. iii. 484).

Author of 'Alpine Photography' in 'The Amateur Photographer', May 1896.

Francis Warner

(April 1882, d.m. 1887)

Born 1849 or 50. Son of Septimus Warner.

Manager of the Hertford Branch of Sharple & Co.'s Bank.

Died 7 April 1887, aged 37.

Q. Alpine.

Left a legacy of £10 to the Club, to be expended in any way the Committee might decide ' to further the cause ' (xiii. 351).

Henry Charles Jackson Warren

(April 1880, resigned 1913)

Born 25 Jan. 1852. Son of Right Hon. Robert Richard Warren, Judge of the Probate Court in Ireland, and Mary, d. of Charles Perry, of Cork.

Married 1877 Florence, d. of Colonel the Hon. Robert French Handcock, g.d. of 2nd Lord Castlemaine.

Educated Marlborough and Trinity College, Dublin.

Barrister (King's Inn, Dublin), 1874.

Q. Alpine.

1876. 2nd passage with a variation of the *Fuorcla Prievlus*, with W. M. Conway and J. H. Wainewright, 8/viii (Bernina C.G. ii. 99 ; Y.R.C.J. ii. 1) ; a variation on *Piz Bernina*, with Conway, 17/viii (Bernina C.G. ii. 86, 114).

1879. *Matterhorn*, 14/viii.

1882. *Piz Morteratsch*, partly new ascent, 23/viii (xi. 122).

Rev. Cecil Estcourt Benyon Watson

(Dec. 1879, d.m. 1903)

Born 1840. Son of Sir Charles Wager Watson, Bt., of Fulmer and Jemima Charlotte, d. of Charles Garth-Colleton, of Haines Hill, Berks.

Educated Harrow and University College, Oxford ; B.A., 1863.

H.O., 1868. Curate of St. Clements, Sandwich, 1868–74 ; then his health broke down and he was obliged to live principally in Italy and Switzerland. Made his head-quarters at St. Moritz, and was a leader and organizer in the skating world ; took a

prominent part in forming what came to be known as the English style in skating.

Died, unmarried, 28 May 1903. (The Times.)

Q. Alpine.

1879. *Rothorn* traversed, 7/viii (ix. 428). *Rimpfischhorn*, with P. Güssfeldt and others, 23/viii (S.A.C.J. xv. 182–90; Studer, ii. 278); *Matterhorn* traversed, 29/viii.

1880. 1st winter ascent of *Piz Bernina*, 4/ii (ix. 492).

Wrote a paper on 'The Engadine in Winter', x. 31.

Hercules Henry West

(Dec. 1887, resigned 1901)

Born 6 Dec. 1856, Dublin. Son of Very Rev. John West, Dean of St. Patrick's.

Educated Marlborough and Trinity College, Cambridge (Scholar, 1876). Brown Medal for Greek Epigram, 1877; 7th Classic and highly distinguished in the Examination for Chancellor's Medals, 1879.

Classical Tutor, London (with Captain James).

Q. Alps 1882, 85, 87.

1886. *Mischabeljoch*; and 1st passage of the *Ulrichsjoch*, with W. M. Conway and G. Scriven, 30/vii (xiii. 125, 163).

1887. *Dent Blanche*, with Conway, 8/viii (P. J. Truffer).

1888, 89, 90, 91, 93. See G. Scriven.

Arnold Henry White

(Dec. 1881, resigned 1905)

Born 1 Feb. 1848. Son of Rev. Edward White, Chairman of the Congregational Union.

Married 1878 Helen Constance, d. of Lowell Price, of Farnham Royal, Bucks.

Educated Cholmeley Grammar School, Highgate, and Unisity College School, London.

Was in his younger days in the service of the P. & O. Shipping Company and afterwards Secretary to the Edison Electric Lighting Company; later a coffee and cinchona planter in Ceylon.

Returned to England and devoted himself to social problems (having in the course of his investigations worked as a dock labourer) and to naval questions, especially gunnery. In connexion with colonization made numerous visits to Canada and U.S.A., to South Africa, where he organized the Wolseley Settlement, and to Russia. Acted for Baron de Hirsch in negotiating with the Russian Government for Jewish Colonization of land in Argentina. Candidate for Mile End, 1886; Tyneside Division, Northumberland, 1892 and 95; North Londonderry, 1906.

Was sent to prison in 1903 for contempt of Court in connexion with the Whitaker Wright case. Best known as 'Vanoc' of the Referee. For years set forth his views on questions of the day in that paper trenchantly and lucidly, and was regarded as a popular oracle by thousands.

Author of 'Problems of a Great City' (1886; 2nd ed., 1895); 'Tries at Truth' (1891), containing articles originally written for Mr. Passmore Edwards in the old Echo; 'The English Democracy' (1894); 'The Modern Jew' (1899); 'Efficiency and Empire' (1901); 'For Efficiency'; 'The Views of Vanoc, an Englishman's Outlook' (1910); 'The Navy and Its Story'; 'Is the Kaiser Insane?'; 'The Hidden Hand'. Editor of 'The Destitute Alien in Great Britain' (1892); Letters of S. G. O. to The Times (2 vols. 1890, a selection, with a brief introduction, from the famous letters addressed to The Times from 1844 to 1888 by the Rev. Lord Sydney Godolphin Osborne).

Died 5 Feb. 1925. (Who's Who; The Times.)

Q. Alps and Adam's Peak, Ceylon.

Frederick Wallingford Whitridge

(Dec. 1884, d.m. 1916)

Born 8 Aug. 1852, New Bedford, Massachusetts.

Married 9 Dec. 1884 Lucy Charlotte, d. of Matthew Arnold (vol. i).

Educated Amherst College (A.B., 1874; A.M., 1877) and Columbia University (LL.B., 1878). LL.D., Amherst College, 1909.

Admitted to the Bar, 1879, and joined a New York legal firm and practised there. Member of the Bar Association of New

York. Lecturer on Administrative Law, 1883–8; on Constitutional and Political History, 1884–94, at Columbia University.

At the time of his death he was President-Director or President of the Forty-Second Street, Manhattanville and St. Nicholas Avenue Railway Co.; Third Avenue Railway Co. (see below); Westchester Electric Rail Road Co.; Belt Line Railway Corporation; Bronx Traction Co.; Kingsbridge Railway Co.; Southern Boulevard Rail Road Co.; and the Union Railway of New York. Director of the Northern Ohio Railway Co.; Niagara Development Co. (formerly President); Niagara Falls Power Co. (formerly President). Had also been President of the Washington County Rail Road, and the Lake Erie and Western Rail Road, and Director of the Cataract Construction Company, the Chicago Terminal Elevator Co., and the Cleveland Akron and Columbia Railway.

Was a prominent and effective supporter of Theodore Roosevelt in his elections for the Presidency. In 1906 was appointed by Roosevelt Special Ambassador to Spain on the occasion of the marriage of King Alfonso to Princess Victoria of Battenberg.

c. 1908 appointed Receiver of the Third Avenue Railway Co., then bankrupt; his recommendations, which included the raising of several millions of dollars, and great improvements in the workmen's position, were carried through, and the railway became, under his presidency, a thriving concern.

Author of numerous contributions to leading reviews on political and economical subjects. Took an active part on counteracting German propaganda in America, 1914–16; published a pamphlet, 'One American's Opinion on the European War'. His only surviving son was serving in France at the time of his death.

Died 30 Dec. 1916. (The Times; American Who's Who.)

Q. Alpine.

Rev. Archdale Palmer Wickham

(Feb. 1877, resigned 1887)

Born 9 Nov. 1855, near Dorking. Son of Rev. Edmund Dawe Wickham and Emma, d. of Archdale Palmer of Cheam Park, Surrey. Brother-in-law of H. J. Smith.

Married, 1st, 1883 Emily Helena Macpherson, d. of Rev. J. R.

Baldwin; 2nd, 1896 Harriet Elizabeth Amy, d. of Samuel Strong.

Educated Marlborough (Football XX, 1872–3; Cricket XI, 1873–4); New College, Oxford (Scholar; 2nd Class in Classical Moderations, 1876; 3rd Class in Literae Humaniores, 1878); University Cricket XI, 1878); and Leeds Clergy School.

H.O., 1880. Curate of St. Stephen, Norwich, 1880–3; of Rickinghall Superior, Suffolk, 1883–6; Buxton, Norwich, 1886–8. Vicar of Martock, Somerset, 1889–1911; Rural Dean of Ilchester, 1900–11; Prebendary of Wells Cathedral, 1904; Vicar of East Brent, Highbridge, Somerset, 1911.

Q. Alpine.

John Herbert Wicks

(Dec. 1885, C. 1891–2, S. 1893–6, V.P. 1904–6, d.m. 1919)

Born 1852, London.

Educated largely in London.

Entered his uncle's firm (Jacob Walter & Co., Brazilian merchants) as a youth, and became the senior partner many years before his death.

F.R.G.S., 1893.

Died unmarried 31 July 1919, aged 67. (In Memoriam, with portraits, by C. Wilson, xxxiii. 102–10.)

Q. Alpine.

Subscriber to New Zealand A.C., 1893.

1881. *Tête du Lion*, 1st ascent from the N., 7/viii (x. 405).

1887. Made a variation of the *Aiguille des Charmoz*, with W. Muir, 9/viii (Kurz, p. 94). Christmas at Penygwryd, N. Wales, with M. Carteighe, Muir, and Gabriel Taugwalder of Zermatt (C.C.J. iv. 68).

1889. *Aiguille du Tacul*, by a new route from the NE., with H. W. Henderson, 19/vii (xv. 150); *Aiguille des Charmoz*, 1st guideless ascent, with Henderson, G. H. Morse, and C. Wilson, 3/viii (xxxiii. 105). From this time onwards the great majority of his climbs were guideless.

1890. *Col des Grands Montels*, with E. Carr and G. H. Morse, 15/vii; 1st complete ascent of the *Aiguille du Moine* by R. Leith's and R. A. Robertson's route (SW. arête), with the same and C. and H. Wilson, 17/vii (xv. 78, 297); with Carr and Morse, *Les*

Périades traversed from W. to E., 25/vii ; 1st ascent of the *Pic sans Nom* (*Aiguille Verte*), 27/viii (xv. 297, 400, xvi. 287 ; he read a paper before the Club, ' Two Peaks and a Centre : The Reflections of a Centrist ', xv. 333, describing these two expeditions and giving the Centrist view of the ' Centrist and Excentrist ' controversy, as to which see xv. 108–10, 224, 397, &c.) ; *Aiguille des Charmoz*, 30/vii ; *Pic Balfour* (*Aiguille de Grépon*), 1/viii ; 1st attempts on *Dent du Requin*, with Morse, 7 and 9/viii (xvii. 87, xxxix. 108, 111) ; all guideless.

1891, 92, 93. See G. H. Morse.

1894. Made a new route up the *Corno Bianco* with C. Wilson (q.v.), 6/vii ; with Wilson and E. Carr, another new route up the same peak, 9/vii (xviii. 475) ; *Château des Dames*, 17/vii ; *Dent d'Hérens* traversed from Breuil to Prerayen, 24/vii (xx. 189–94) ; *Becca di Guin* ; *Aiguille du Glacier*, 5/viii ; with the same and Mrs. Wilson, *Pyramides Calcaires*, new route up pt. 2,682 m., 6/viii (xxv. 499 ; Kurz, 2nd ed., p. 270). See below 1897 and R.M. 1895, pp. 21–2.

1896. *Aiguille des Petits Charmoz* (pt. 2,868 m.), new ascent by S. arête, with C. Wilson and Miss Mary Pasteur, 5/vii ; 2nd ascent by a partly new route of the *Dent du Requin*, with C. Wilson, 9/vii (xviii. 246). (He had made 7 attempts on the latter peak, xvii. 87.)

1897. Made a new route, by the E. face, on the *Punta Sella* (one of the *Jumeaux de Valtournanche*), with C. Wilson (q.v.) and E. H. F. Bradby, 31/vii (xix. 60, xx. 187). In 1894 and 97 ascended almost all the points on the Valtournanche-Valpelline from the *Château des Dames* to the *Col des Grandes Murailles*, xx. 185–6.

1898. Traversed the *Aletschhorn* from the *Mittel-Aletschjoch*, making the 1st complete passage of the SE. arête, with Wilson, Bradby, and T. L. Kesteven, 10/vii (xix. 251).

1900. Made an attempt on the NW. arête of the *Schreckhorn* with Bradby and Kesteven, noticed xxi. 500.

1902–9. See C. Wilson.

1910. With the same and W. A. Wills, 1st ascent of *Mont Rouge de Gruetta*, 28/vii (xxv. 357, 507) ; *Pic de la Brenva*, 2nd or 3rd ascent (xxv. 502). See Record of Expeditions.

1911. With the same. See Record of Expeditions and C. Wilson.

1913. *Aiguille de Grépon*, by Rolleston variation. See xxviii. 84.

Rev. William Wilks

(May 1879, resigned 1893)

Born 19 Oct. 1843, Ashford, Kent. Son of Dr. George Frederick Wilks of Ashford.

Educated Clapham Grammar School and Pembroke College, Cambridge ; B.A., 1864.

H.O., 1866. Curate of Croydon, 1866–79. Vicar of Shirley, Croydon, 1879–1912. F.R.H.S., 1866 ; about 1880 became Chairman of the Floral Committee. In 1888 the R.H.S. was in serious difficulties and had to leave its quarters in S. Kensington. The task of reconstruction was no easy one, but it was carried out successfully largely through the efforts of Wilks, who was then on the Council, and before the end of the year he was appointed Hon. Secretary. Raised the Society steadily from a membership of 1,000 ; the increase continued till at his death it numbered 16,000. On his retirement a presentation was made to him by the President and Fellows (Feb. 1913), and he was granted a permanent seat on the Council. Edited the Journal of the Society for the greater part of 20 years and contributed many papers to it ; and produced the Shirley Poppy.

Died unmarried 2 March 1923. (Who's Who ; The Times ; Roy. Hortic. Soc. Jnl. xlviii. 157–60.)

Q. Alpine.

Alfred Williams

(Feb. 1878, C. 1892–5, d.m. 1905)

Born 4 May 1832, Newark-on-Trent. Son of Charles Williams, Congregational Divine (D.N.B., under Frederick Smeaton W.), and Mary Smeaton.

Married, 1st, 1863 Sarah, d. of George Gregory of Salisbury ; 2nd, 1866 Eliza, d. of William Walker of Northampton.

Educated University College School, London. Then studied drawing in a private academy and received lessons in landscape painting from William Bennett.

From 1849 to 1856 he drew on wood for book illustration,

chiefly for the Religious Tract Society (for which his father acted for 12 years as editor) and for Messrs. Cassell & Co. Illustrated his brother F. S. Williams' book, ' Our Iron Roads ' (1852). For some time acted as ' devil ' to Sir John Gilbert, R.A. Then lived for a time at Sibbertoft, Northants, where his father was then minister. In 1861 founded a maltster's business, afterwards known as Williams Brothers, at Salisbury, where his childhood had been spent, and which was his home for the rest of his life. Painting continued to be his principal interest : he devoted himself to it during the summer months throughout his business career, and after his retirement, in 1866, exclusively.

Exhibited at the Royal Academy. A ' Finsteraarhorn ' at the New Gallery, 1890, noticed xv. 167.

F.R.G.S., 1890.

Died 19 March 1905. (In Memoriam, xxii. 457, by C. B. Phillip; S.M.C.J., by C. T. Dent ; D.N.B.)

Q. Alpine, *not* artistic.

Member of S.M.C. ; D.Ö.A.V., section Innsbruck, 1893.

1878. *Monte Cevedale*, 13/viii (see ix. 116).

1879. Note on ' Excursions round Pinzolo ' (Val S. Giuliano to Val Borzago ; ascent of Palü di Mughe, &c.), ix. 304–7.

In 1854 he made a prolonged walking and sketching tour in the Riviera, N. Italy, and Switzerland ; thenceforward he gave himself up entirely to mountain landscape, frequently camping out in remote and exposed spots for days together.

In 1877 he exhibited a drawing of the Cimon della Pala at the Winter Exhibition (viii. 408), and from that time onward was a constant contributor till his death, sending pictures of scenes in Wales, the Highlands, Skye, and all parts of the Alps from Dauphiné to the Dachstein.

In 1887 a panorama and some drawings by him served to illustrate C. Pilkington's paper on ' The Black Coolins ' (xiii. 462 and 495) ; the panorama is reproduced xiii. 433 ; cf. pp. 438 and 444. There is another panorama by him in the hotel at Sligachan. (See Abraham, pp. 213–14.)

In 1890 papers on the Dom were illustrated by one of his drawings (xiii. 170), and two papers on the Caucasus by panoramic sketches executed by him (xiii. 172), lent by R.G.S.

1889. A collection of his drawings was on view in the Club

rooms at the March meeting and for a few days after, xiv. 329, 344.

In 1901 he visited the Himalaya, spending some weeks at Darjeeling and some weeks near Almora. His ten large pictures of the Kumaon and Sikkim Himalayas were the principal feature of a special Himalayan Exhibition held Dec. 1902 (xxi. 327–8).

An exhibition of his pictures was held in the December following his death, xxiii. 58–60.

His 'Grandes Jorasses' (see xii. 168, xxii. 457) and one of his Kumaon pictures hang in the Club rooms; his 'Monte Rosa at Sunrise from above Alagna' is in the Victoria and Albert Museum, and another of his pictures is the property of the Corporation of Salisbury.

William Williams

(Dec. 1882)

Born 2 June 1862, New London, Connecticut, U.S.A. Son of the Hon. Charles Augustus Williams of New London.

Educated Sillig's School, Vevay, 1873–6 (where he acquired his fondness for mountaineering); Yale College (A.B., 1884; M.A.); Harvard University (LL.B., 1888); M.A. of Columbia University.

Lawyer. Junior Counsel for U.S. in Behring Sea Arbitration with Great Britain, 1892–3. Major, U.S. Volunteers, 1898–9, in Spanish-American War. U.S. Immigration Commissioner at New York under President T. Roosevelt, 1902–5; under President Taft, 1909–13. Commissioner of Water Supply, Gas and Electricity for the City of New York, under Mayor Mitchel, 1913–17. Lieut.-Colonel, Ordnance Department, U.S. Army, 1918–19.

Author of occasional magazine articles on legal topics.

Q. Alpine.

Member of American A.C. (1921).

1875. *Monte Rosa*, at the age of 13 (his first important ascent).

1884. Made the 3rd ascent of *Monte di Scerscen*, 1/ix (note by him, xii. 177).

1885. *Lauteraarhorn*, 8/vii; with the 1st or 2nd ascent of a tooth on the NW. arête (S.A.C.J. xxi. 51); reached *Fuorcla-Scerscen-Bernina* for the 1st time from the N. and thence made the 1st ascent of *Piz Bernina*, by the SW. arête, 12/viii (xii. 422;

Bernina C.G. ii. 70, 76, 90, 95 ; Lorria and Martel's Massif de la Bernina, p. 111).

1888. Alaska : with H. G. Broke (q.v.) and H. W. Topha (q.v.), Sitka to Yakutat, 3–10/vii ; landed at Icy Bay, 13/vii ; crossed the Malaspina glacier to the Chaix hills, 16–18/vii ; reached and ascended the Libbey glacier and examined the S. face of *Mt St Elias*, 21/vii ; then went round to the W. and up the Tyndall glacier ; with Topham reached 7,725 ft., 30/vii, and 11,375 ft., 2/viii, on the S. ridge of Mt St Elias ; abandoned the attempt ; reached the sea, 7/viii, and Yakutat, 8/viii. The party was the first to set foot on Mt St Elias (xiv. 164, 345). He wrote an article on the trip, ' Climbing Mount St Elias ', in Scribner's Magazine, April 1889, reprinted in ' Mountain Climbing '.

1889. See T. A. Nash.

1899. Made the 4th winter ascent of *Piz Bernina*, 11/ii ; and with E. L. Strutt ascended the *Bellavista* peaks and *Piz Zupô*, 18/ii (xix. 481–2).

1913. See Record of Expeditions.

1921. See xxxiv. 188.

His visits to the Alps after 1885 were only occasional. A complete list of his climbs is given in the list of Members of the American A.C. for 1921.

Author of ' The Charm of Mountain Climbing ', Scribner's Magazine, May 1908.

Henry George Willink

(Feb. 1880, C. 1889–92, V.P. 1899–1901)

Born 10 July 1851. Son of William Williamson Willink and Catharine Harriet, d. of Sir George Nicholls, K.C.B., Poor Law Administrator (D.N.B.).

Married 1880 Mary Grace, d. of Rev. Peter Thomas Ouvry, Vicar of Wing, Bucks., niece of Mrs. F. Sibson (see vol. i). Father-in-law of E. F. Pilkington.

Educated Eton and Brasenose College, Oxford ; 3rd Class in Classical Moderations, 1872 ; 3rd Class in History, 1874.

A football accident at school put a stop to football and rowing, and restricted him to fives and fencing. He became a very skilful fencer, won the University Foils at Oxford, 1872, and the 1st prize for Fencing (Officers) at the Royal Military Tournament in 1886. This was open to the whole army.

Barrister (Lincoln's Inn), 1877 ; practised till 1886. On the staff of the Weekly Reporter and Law Times, 1880–5.

A very keen member of the Inns of Court Rifle Volunteers : joined, 1875 ; Lieutenant, 1881 ; Captain, 1889. Was specially interested in signalling ; obtained the Wellington Barracks Certificate, and the Aldershot Certificate (passed 1st), 1886 ; passed the Wellington Barracks examination in Tactics (special mention), 1887. Joint Founder of the I.C.R.V. School of Arms ; Treasurer for the first seven years of its existence.

Deputy-Chairman of the 'Birmingham Canal Navigations' (joined the Committee 50 years ago ; his father and grandfather had both been Chairman).

Of Hillfields, Burghfield, near Reading, from 1891. J.P. for Berks. (1893). Member of Berks. C.C., 1905 ; Alderman, 1916. Chairman of Berks. Education Committee from 1908. Life Member of Council of Reading University. For many years an active member of the Charity Organization Society.

Author of the Dutch Home Labour Colonies, 1889 ; article on the Royal Poor Law Commission, in Edinburgh Review, April 1906, and many papers at Poor Law Conferences, in Charity Organization Review, &c.

Edited 2nd ed. of Sir George Nicholls' (his grandfather) 'History of English Poor Law', and wrote the article on Sir George Nicholls in D.N.B.

Q. Alpine.

Member of S.A.C.

1873. Skye : *Blaven* traversed (E. to W.) ; *Sgurr nan Gillean*.

1875. Visited the Pyrenees in winter (*Col de Tortes* alone, 20/1), xvi. 33.

1877. *Pillar Rock* twice (2nd time alone).

1878. Norway : with W. A. Greene (q.v.), 1st ascent of *Midtre Riingstind*, making the 1st actual passage of the *Gravdalskar* and perhaps also that of the *Viking Skar* (xvi. 320 ; Slingsby, p. 229).

N. Wales : Llanberis to Penygwyrd by Cwm Glas, 23/xii ; *Snowdon* traversed, 24/xii ; *Glyder Fach*, 25/xii ; *Tryfaen* from Cwm Tryfaen, alone. He wrote a paper at the time on these expeditions, which appeared many years later under the title 'Snowdon at Christmas', with illustrations of snow forms, xvi. 33.

For many years a contributor to the Club Picture Exhibitions

of landscapes and sketches of 'Climbers in Action'. His work is noticed xiii. 176 (1885 and 86); xiii. 339 (Liverpool Jubilee Exhibition); xiii. 462 (1887); xiv. 330 (April 1889; his portrait of W. F. Donkin is reproduced p. 309); xv. 97 (Dec. 1889, the drawing of the 'Last Bivouac of Donkin and Fox' is reproduced ibid. p. 26; the original hangs in the Club rooms); xv. 393 (1890), xvii. 342 (1894). A special exhibition of his drawings, held June 1888, is reviewed xiv. 64 by Sir M. Conway. In 1885 he read a paper before the Club on 'Alpine Sketching' (xii. 361, with illustrations). Illustrated the volume on 'Mountaineering' in the Badminton Library (see xvi. 278, xxvii. 62); the original drawings were exhibited at the 1892 Exhibition (xvi. 345) and he contributed a chapter on 'Sketching for Climbers'.

Was a member of the Sub-Committee appointed to consider and report on Alpine Distress Signals, 1892–4. In 1894 he read a paper before the Club on the subject (see xvii. 151), which is printed, together with the report of the Sub-Committee, at the end of vol. xvii. Wrote a reply to later criticisms, xxxviii. 240–2.

Wrote notices of the Exhibition (March 1889) of W. F. Donkin's photographs (xiv. 39) and of the Club Picture Exhibitions in 1901 (xxi. 38) and 1926 (xxxviii. 106); and an In Memoriam notice of C. T. Dent (xxvii. 56–65).

John Tayler Wills

(Dec. 1881, d.m. 1922)

Born 4 Jan. 1858. Son of Sir A. Wills (vol. i) and Lucy, d. of George Martineau. Half-brother of W. A. Wills.

Educated Fettes College and Balliol College, Oxford (Scholar); 3rd Class in Classical Moderations, 1879; 2nd Class in History, 1881, after a visit to Colorado for the sake of his health in 1880. Ran for Oxford in the Three Mile race in the Inter-University Sports (and finished 2nd), 1878.

Barrister (Lincoln's Inn), 1885, but never practised.

F.R.G.S., 1886.

Read a paper before the R.G.S. 28/iii/1887, entitled 'Between the Nile and the Congo: Dr. Junker and the (Welle) Makua', Proc. R.G.S. n.s. ix. 285–302.

Died 18 March 1922. (In Memoriam, xxxiv. 458–62, with portrait, by W. A. Wills.)

Q. Alpine.

1883. *Dent d'Hérens*, with C. E. Mathews, *c.* 27/viii. A serious accident to Ulrich Almer occurred on the descent, and a bad night out was spent in the Col de Valpelline (Y.R.C.J. i. 282–5).

1884. Starting from the hut on the Zermatt side of the *Matterhorn*, went round E. base of the mountain, crossed the frontier ridge at the foot of the SE. arête, skirted the S. face, joined the Breuil route and returned over the summit, reaching Zermatt, ' with great ease and many rests ', in 14 hours (xii. 420).

1887. Made the 2nd ascent of the *Eigerhörnli* (pt. 306 m. of the Mittellegi ridge) with W. A. Wills, 3/ix (xiv. 30, 71).

William Alfred Wills

(March 1888, C. 1893–6, S. 1897–1900, d.m. 1924)

Born October 1862, Paris. Son of Sir A. Wills. Brother of J. T. Wills.

Married 1894 Rosamund Emma, d. of T. W. Powell of Piccard's Rough, Guildford.

Educated Fettes College and Westminster Hospital. M.R.C.S., 1884. M.B. (Honours in Materia Medica, Anatomy, and Forensic Medicine), 1885. M.D., 1890. M.R.C.P., 1891. F.R.C.P., 1902.

Resident Clinical Assistant to the Brompton Consumptive Hospital, 1886. House Surgeon to the Victoria Hospital for Children, 1887.

Junior House Physician, later Senior House Physician, and, 1886–93, Medical Registrar at Westminster Hospital ; Lecturer on Forensic Medicine and Practice of Medicine and Joint Lecturer on Principles and Practice of Medicine, 1902–5 ; Physician to out-patients. Author of Annual Reports of Medical Registrar, 1888–92.

Physician to Marylebone General Dispensary, 1890–3. Consulting Physician to NE. (Queen's) Hospital for Children,Hackney, 1893.

Left London and retired from general practice, *c.* 1900 ; lived at Stedham, near Midhurst. Chairman of Stedham Parish Council, 1908 ; member of Midhurst Rural District Council and Board of Guardians.

Author of article on ' Mountain Sickness ' in Quain's Dic-

tionary of Medicine (1901) and numerous articles in Allbutt's System of Medicine (1897), the Lancet, and other professional publications.

Died 1 April 1924. (In Memoriam, by C. Wilson, with portrait, xxxvi. 150–4.)

Q. Alpine.

1887. See J. T. Wills.

1889. 1st passage of the *Brèche Cordier*, with E. H. F. Bradby, 22/vii (xix. 595).

1910, 1912, 13, 14, 1920–2. See C. Wilson.

1910, 1912, and 1913. With E. H. F. Bradby, J. H. Wicks, and C. Wilson. See Record of Expeditions under C. Wilson.

Claude Wilson

(Feb. 1880, C. 1897–9, V.P. 1922–4)

Born 7 Dec. 1860, Wavertree, near Liverpool. Son of Charles Wilson of Liverpool and Kendal and Susanna, d. of Francis Frith of Allerton and Chesterfield. Brother of F. and H. Wilson.

Married 1886 Annette, d. of Rev. D. K. Guthrie of Liberton, Midlothian, g.d. of Rev. Thomas Guthrie (D.N.B.).

Educated Friends' School, Weston-super-Mare; Darmstadt; Owens College, Manchester; Edinburgh University M.B., S.C.M. (Honours), 1884; M.D., 1887; London and Vienna.

Resident Physician at Edinburgh Royal Infirmary, and Professor's Assistant in Clinical Medicine and Pathology, Edinburgh University, till *c.* 1886.

In practice for a short time at Bath; at Tunbridge Wells, since 1887.

Formerly member of Council of Clinical Section of Royal Society of Medicine.

Author of contributions to the Lancet and other professional publications.

Q. Alps 1877–9 (cf. F. E. Wilson).

Member of S.A.C., Geneva Section; N.T.F.; S.M.C.; Caucasus Club.

1879. *Matterhorn*, with F. E. Wilson, 22/viii.

1882. *Weissmies*, 1st ascent by S. face, with H. Wilson, 7/viii (xi. 119).

1884. Notes on spring ascents of *Ben Venue*, 22/iii, and *Ben Lomond*, 23/iii, with C. D. Cunningham (xi. 480).

1885. Norway : with R. L. Harrison, R. Starr, and H. Wilson, 1st ascent of *Manden*, the E. peak of the *Maradalstinder*, 12/viii, and a new route on *Simletind*, 15/viii ; with Harrison and H. Wilson, 1st ascent from Knutshullet of *Knutshulstind* (not repeated till 1901, xxi. 284), 21/viii ; a new route on *Sletmarkhö*, 23/viii ; 1st ascent of *Midtmockstind*, 26/viii (xii. 470 ; he read a paper before the Club on these expeditions, xiii. 144).

1890. 1st complete ascent of the *Aiguille du Moine* by R. Leith's and R. A. Robertson's route (SW. arête), with E. Carr, G. H. Morse, J. H. Wicks, and H. Wilson, without guides, 17/vii (xv. 73, 297) ; 1st ascent (and traverse) of *La Nonne*, with C. H. Pasteur, Miss Pasteur, and Miss M. Pasteur, 23/vii (xv. 329) ; 1st visit to 'the peak round the corner' (*Dent du Requin*), with C. Pasteur, 3/vii (xvii. 87, xxxix. 108).

1891. Attempt on *Dent du Requin*, with Morse, Wicks, and J. H. Gibson, 29/vii (xvii. 87, xxxix. 108, 111).

1892. *Meije* ; *S. Aiguille d'Arve* ; *Pic Coolidge* ; *Pic Lemercier* ; *Cols du Chardon* and *du Says* ; *Brèche de la Meije* ; attempt on *Pic Bourcet* (partly with C. H. Pasteur and the Misses Pasteur ; U. Almer) ; 4th and 1st guideless ascent of the *Grépon*, with J. H. Gibson, G. H. Morse, and C. H. Pasteur (Mummery, p. 140) ; attempts on *Dent du Requin*, with Gibson, Morse, and Wicks, 26/vii ; with Morse and Wicks, 27/vii, 6/viii (xvii. 87, xxxix. 108, 112).

1893. See G. H. Morse.

1894. See J. H. Wicks.

1895. *Aiguille de la Grande Sassière*, with Wicks and T. L. Kesteven, 24/vi ; (?) *Dôme de Val d'Isère*, with the same (?) and Miss Mary Pasteur (1st ascent by a lady, 28/vi ; Rev. Alp., pp. 243–4).

1896. *Aiguille des Petits Charmoz*, new ascent by S. arête, with Wicks and Miss Mary Pasteur, 5/vii ; 2nd ascent by a partly new route of the *Dent du Requin*, with Wicks, 9/vii (xviii. 246, xxxix. 109–11 ; Rev. Alp. ii. 244).

1897. *Cima di Ciarforon*, new ascent by E. arête, with E. H. F. Bradby, 10/vii (xix. 59) ; *Punta Sella* (one of the *Jumeaux de Valtournanche*), new ascent by E. face, with Bradby and Wicks, 31/vii (xix. 60). Continued his explorations in 1894 and 1897 ;

ascended almost all the points in the Valtournanche–Valpelline ridge. Read a paper before the Club on his results and the ascents of Dent d'Hérens and Punta Sella, entitled 'The Dent d'Hérens from Breuil to Prarayé (with Notes on the Valtournanche–Valpelline Ridge)', xx. 184.

1898. Made the 1st passage of the *Mittel-Aletschjoch*, with Bradby and T. L. Kesteven, 8/vii; with the same and Wicks, traversed the *Aletschhorn* from that pass, making the 1st complete passage of the SE. arête, 10/vii (xix. 251).

1899. With Bradby, *Col de la Temple*, 6/vii; *Col du Sélé*, 7/vii; *Pointe de Baline Rousse*, new descent by W. arête, and 1st ascents of Central and S. summits of the *Crête de la Vera Pervoz*, 9/vii (xix. 596; paper, Rev. Alp. Dauph. ii. 169–74); *Brèche Cordier*, 11/vii. See Rev. Alp. Dauph. ii. 19–22, and S.T.D. Ann., p. 70.

1900. Attempt on NW. arête of *Schreckhorn*, with Bradby, Wicks, and Kesteven (mentioned xxi. 500).

1901. *Rutor* traversed from Courmayeur to Livrogne, with Bradby and Kesteven, 27/vii (xxv. 497 note); 1st traverse of the *Aiguille de la Brenva*, with Bradby, xxv. 503.

1902. With Bradby and Wicks, *Wetterhorn*, new ascent by W. face and SW. arête (with Ulrich Almer), 5/vii (xxi. 269); 1st ascent of the *Schreckhorn*, by SW. arête, 27/vii (xxi. 269); *Jungfrau* traversed from the Rottal to the Wengern Alp; attempt on the NE. arête of the *Jungfrau*, striking the ridge at the highest point yet attained; and, with Bradby, ascent of the *Schreckhorn* by NW. arête (xxi. 499–509); *Schmadrijoch*, with Wicks (xxxviii. 88–9).

1904. With Bradby and Wicks made a new route up the *Aiguille de Triolet* by SW. arête, 9/vii; *Col des Hirondelles*, 12/vii (xxxvi. 417); *Aiguille de Talèfre*, new route by W. arête, 19/vii; *Aiguille de la Brenva*, new route from the NW., 26/vii (xxii. 319–21, xxv. 503; La Montagne, p. 295); 9th and 2nd guideless ascent of the *Brenva* face of *Mont Blanc*, making the 1st actual passage of the *Col de la Brenva*, 29/vii (xxv. 497 note, xxvi. 175; he wrote a paper on the expedition, 'The Col de la Brenva', xxvi. 284).

1905. With the same, *Bec d'Invergnan* from Courmayeur, 9–10/vii (xxv. 497 note); 1st ascent of *Mont Rouge de Peuteret*, 26/vii (xxii. 615, xxxvi. 154; La Montagne, ii. 231); traverse

of the *Tour Ronde* from Col du Géant to Courmayeur, 30/vii (xxv. 497 note) ; 2nd ascent of *Aiguille de Tronchey* (xxv. 506).

1908. With the same made a variation on the *Cima del Largo*, 11/vii (xxv. 21 ; Bernina C.G. i. 163–4). He wrote a paper, with map, on ' The Bregaglia Group ', xxiv. 381.

1909. Visited the Disgrazia massif with the same, and supplemented the paper of 1908 with a paper on ' The Disgrazia ', with map, xxv. 232.

1910. With Bradby and W. A. Wills, 1st recorded ascent of the *Aiguille Rouge de Rochefort* (pt. 3,096 m.), 14/vii ; *Mont de Jétoula* by S. arête (probably 2nd ascent by this route), 19/vii ; with the same and Wicks, 1st ascent of *Mont Rouge de Gruetta*, 28/vii ; *Pic de la Brenva*, probably 2nd or 3rd ascent, xxv. 357. See Record of Expeditions, under C. Wilson.

1911. Made a winter ascent of the *Wetterhorn* (the 1st without sleeping out) from Grindelwald and back (starting 10.20 p.m.) in 17 hrs. 40 mins., 23–4/i (xxv. 558 ; R.M. 1911, p. 58). With Wicks, *Hintere Schöntaufspitze*, *c.* 4/vii ; *Vertainspitze*, *c.* 6/vii ; *Ortlerspitze* traversed, ascent by SE. arête, 8/vii ; with Wicks and Bradby, *Ortlerspitze* traversed, ascent by *Hochjochgrat*, 12/vii ; *Hohe Angelusspitze* and *Hochofenwand* traversed, 16/vii ; *Königsspitze*, in bad weather, 18/vii ; *Vordere* (ascent by NW. arête) and *Hintere Schöntaufspitze* traversed to Schaubach Hut, 21/vii ; attempt to reach Monte Zebru by *Suldenjoch* ; to hut on *Eissee* pass, 22/vii ; traverse of *Suldenspitze*, *Schrötterhorn*, *Kreilspitze*, *Königsspitze*, and *Monte Zebru* (reaching top at 9 p.m.), descent by lightning and lantern light to Hochjoch Hut (about midnight), 23/vii ; *Ortler* pass to Trafoi, 24/vii ; *Cevedale* traversed (Sulden to S. Caterina), 27/vii (he read a paper before the Club on these expeditions, ' The Ortler in 1911 ', xxxii. 176–86) ; *Pizzo Ferro Occidentale* traversed ; attempt on *Ago di Sciora* (see xxxvi. 29) ; with Bradby, *Passo del Averto* and traverse of *Pizzo di Zocca* and *Pizzo Ferro Orientale* (see Record of Expeditions).

1912. In Mont Blanc range and Central Pennines with Bradby, Wicks, and Wills. See Record of Expeditions.

1913. At the Baths of Masino and Promontogno with the same. See Record of Expeditions, under C. Wilson.

1914. With Bradby, Wicks, and Wills, *Mettenberg*, 1st ascent by W. arête, 11/vii ; with Bradby and Wicks, *Gwächten*, 1st

ascent by N. face, 21/vii ; also ascended the *Eiger Rotstock* by S. face and W. arête, probably new, 14/vii (xxix. 358).

1920. *Aiguille du Chardonnet* ; *Les Périades* traversed ; expeditions among the *Aiguilles Rouges* (Chamonix), with W. A. Wills. See Record of Expeditions and xxxvi. 152.

1921. *Wetterhorn*, with Wills, Miss F. Wills, Bradby, G. Hasler, and J. P. Farrar, 14/vii (xxxiv. 177, xxxvi. 152) ; *Gwächtenjoch*, with Wills and Miss F. Wills. See Record of Expeditions.

1922. *Cima del Largo* traversed (xxxvi. 33, 152) and *Piz Bacone* (xxxvi. 32) traversed, with W. A. Wills ; *Piz Lagrev* by W. face, with Wills and H. J. Mothersill, 5/vii (xxxv. 292). See Record of Expeditions.

1923. *Il Gallo*, 29/vi ; *Punta Pioda di Sciora* ; with Bradby, *Ago di Sciora*. See Record of Expeditions. He read a paper before the Club, ' Climbing in the Bregaglia ', giving a general survey of the district acquired during the whole of four seasons and part of two more (xxxvi. 25–34).

1924, 25. See Record of Expeditions.

Wrote In Memoriam notices of R. L. Harrison, xxxi. 105 ; E. A. Wilson, xxvii. 212 ; J. H. Wicks, xxxiii. 102–10 ; W. A. Wills, xxxvi. 150 ; reviews of Helen Hamilton's ' Mountain Madness ', xxxiv. 491, and Francis A. Collins's ' Mountain Climbing ', xxxvi. 426.

Author of ' Mountaineering ' (the All England Series, 1893), reviewed xvi. 463.

Francis Edward Wilson

(Feb. 1880, d.m. 1890)

Born 2 Sept. 1853, Beechley, Cheshire. Brother of C. (q.v.) and H. Wilson.

Married 1881 Mary, d. of William Fraone, of Southport.

Educated Kendal and Zurich.

Entered the firm of Rathbone, Liverpool, but soon left owing to a breakdown in health, which also ended his climbing activities. Interested in various forms of charitable and semi-municipal social work. Lived after marriage in a country residence near Macclesfield, and later at Falmouth.

Died 5 April 1890.

Q. Alps 1877–9.

1879. *Matterhorn*, with C. Wilson, 22/viii.

Herbert Wilson

(Dec. 1883, d.m. 1912)

Born 23 May 1864, Wavertree, near Liverpool. Brother of C. (q.v.) and F. E. Wilson (q.v.).

Married 1887 Margaret, d. of Joseph Rosling, of Reigate ; 2nd, *c.* 1907 his cousin, Cicilia, d. of Thomas Wakefield Binyon, of Old Calwell, Malvern.

Educated Stratford-on-Avon Grammar School and Emmanuel College, Cambridge.

Stock-jobber. Resided, after his marriage, at Oxted, and later at Blackheath. An ardent votary of hunting, polo, yachting, and all forms of sport.

Died 29 June 1912, the result of a gun accident in Worcestershire. (In Memoriam, by R. L. Harrison, xxvii. 67.)

Q. Alpine.

1882, 1885, and 1890. See C. Wilson.

Sir William Howard Winterbotham

(Dec. 1881, resigned 1906)

Born 13 Dec. 1843. Son of Lindsey Winterbotham, of Stroud.

Married 1875 Elizabeth, d. of Thomas Micklem, Hoddesdon, Herts.

Educated Mr. West's School, Amersham. B.A. of London University (1st Class Honours in Animal Physiology), 1862, and Pembroke College, Cambridge ; 33rd Wrangler, 1866.

Solicitor (1869), London. Later head of the firm of Waterhouse & Co., in whose office he had been articled. Official Solicitor to the Supreme Court of Judicature, 1895–1919. His work in launching numerous orphan Wards of Court on successful careers was a source of special pride to him. 'He appeared for the authorities in some cases that attracted attention in their day ; notably the Hooley case in 1898 and the Cathcart and Townshend lunacy inquiries.' Member of the Council of the Incorporated Law Society, 1896–1920 ; President, 1909 ; retired from practice, 1920.

Apart from his official duties he acted for the National Telephone Company in its early days, for the General Medical Council,

the Association of Country Bankers, and many institutions connected with religious and philanthropic work. 'A most liberal supporter of Congregational and Baptist institutions and charities'; taught regularly for many years in the Sunday School attached to the Allen Street Chapel in Kensington, where his friend the Rev. C. Silvester Horne officiated, 1889–1903. In his later years spent much time in yachting and deep-sea fishing.

Author of 'The Reverend William Winterbotham (his grandfather; see D.N.B.), a Sketch' (1893).

One of his sons was killed with W. G. Clay and J. L. Meryon on the Grand Paradis, 30 Aug. 1904 (xx. 316).

Died 24 Jan. 1926. (Who's Who; The Times; xxxviii. 132.)

Q. Alps and Pyrenees.

1858. Pyrenees: *Col du Pourtalet*; *Port de Gavarnie*; *Col de Tourmalet*; *Hourquette d'Aspin*; Lac d'Oo and *Col de Peyresoude*. He wrote a paper, 'Travel Memories', xxxv. 135–43, giving a sketch of these and some later seasons. In his later years paid several visits to Corsica.

1867. *Mont Blanc* (with R. C. Nichols, vol. i), 31/viii (Durier, ed. 1923, p. 185 note); *Col d'Hérens*.

1869. *Col du Géant*; *Grand Paradis*, 24/viii (C.A.I. Boll. iv. 214, xiii. 395); *Felikjoch*; *Monte Rosa*.

1874. With R. Gaskell, *Pic de Néthou*, 28/viii (Bull. Soc. Ram. 1892, p. 203); *Vignemale*; *Mt Perdu*, *Cylindre*, *Pic de Marboré*, *Taillon*, *Pic de la Munia*; *Balaïtous*.

Henry James Theodore Wood

(June 1890, d.m. 1918)

Born 1863. Son of James Templeton Wood, barrister, and Mary Elizabeth, d. of Richard Moon, of Liverpool (sister of Sir Richard Moon, Bt.).

Married 1889 Ellen Beatrice, d. of Captain Sydney Henry Jones-Parry, of Tyllwyd, Cardigan, J.P.

Educated Eton and Pembroke College, Cambridge; Senior Optime, 1885.

Barrister (Inner Temple), 1890.

J.P. for Buckinghamshire. Keenly interested in music and in the Bach Choir; also a prominent Freemason.

Died Jan. 1918 (xxxii. 283).

Q. Alps 1882–4, 88, 89.

1888. *Kesselkogel*, 26/viii (Ö.A.Z. 1892, p. 113).

1890. 1st ascents of *Cima di Cuseglio*, 3/viii (E. iii. 422); and *Campanile di Pravitali* (his *Cima di Pradidali*), 7/viii (E. iii. 424); 2nd ascent of *Campanile di Val Roda*, 18/viii (notes by him, xv. 368); *Sasso di Mur*; *Cima di Canali* (Ann. Alp. Trid. xvi).

1891. *Croda Rossa*, by the SE. route, 25/viii; *Furquetta* (1st English ascent), 2/ix; *Fermedaturm* (1st English ascent, but by E. T. Compton ?), 3/ix; attempt on the *Langkofel*, resulting in the 1st ascent of the 'Mittlere Spitze', 5/ix (E. iii. 354 note, 355–6); *Fünffingerspitze*, 4th ascent, by a new route (the *Daumenscharte*), 9/ix (E. iii. 363); *Zahnkofel* (Ann. Alp. Trid. xvi); *Grohmannspitze* (variation of J. D. Roger's S. route; see xv. 365), 12/ix (E. iii. 361; Z.A.V. 1896, p. 306); *Santnerspitze* (5th ascent), 14/ix (E. iii. 393). Notes by him, xvi. 52–3.

1892. *Zwölfer*; *Gross Glockner* traversed; *Hohe Riffel* and *Obere Oedenwinkelscharte*; *Granatscharte* and *Weitescharte* (*Landeckscharte*); *Schwarzenstein*; *Sasso di Bosco Nero*, by a partly new route, 15/ix (xvi. 400); *Piz Popena*, from Cristallojoch; 1st ascent of *Kleine Haunold*, 20/ix (xvi. 461; neither this ascent nor that of 15/ix is noticed, E. iii. 482, 507); *Paternkofel*; *Kleine Zinne* (List of expeditions in Nachrichten of Austria Section of D.Ö.A.V. 1893, p. 8).

1895. *Watzmann* (*Hocheck*, *Mittelspitze*); *Ramseider Scharte*; *Glockerin* (traversed), *Hintere* and *Vordere Bratschenköpfe* and *Wielingerscharte*; *Sonnblick* (traversed), *Granatscharte* and *-spitze*; *Gross Venediger* (traversed); *Gamspitze* (Query *Gamsmutter* ?); *Hintere Maurerkeeskopf* (traversed ascent by NW. ridge); *Gross Glockner* (25/viii ascent by NW. ridge; traversed, xix. 185); *Bockerscharte*; *Monte Cristallo*; *Terza Grande*; *Scheibenkofel* and *Croda del Oregione* (highest peak and 1st ascent of E. peak); *Forcella di Piombo* (?); *Collinkofel* and *Kellerwand*; *Urbica Sattel*; *Dolec Sattel*; *Triglav* (*Terglou*), by J. Kugy's route; *Canin* (traversed); *Bramkofel*; *Jof di Montasio*, 18/ix (Ö.A.Z. 1896, pp. 228, 293; Z.A.V. 1907, pp. 276, 279). List of expeditions, Nachrichten of Austria Section, 1896, p. 29.

1896. *Croda del Oregione*, highest peak and 1st ascent of E. peak (Ö.A.Z. 1896, p. 228).

1897. *Scesaplana*; *Zimbaspitze*; *Drusenfluh*, taken as a training route to the Dolomites (xix. 181).

From 1888 onwards he devoted himself almost entirely to the regions E. of the Brenner, with which he had a wide and varied acquaintance. He read a paper before the Club, 'From the Scesaplana to the Terglou', describing some of the above-mentioned expeditions, and the best ways of reaching the Dolomites, with a survey of the principal Dolomite groups, and of mountaineering conditions in the Eastern Alps (xix. 180–93).

1913. See xxviii. 100.

George Frederick Woodroffe

(March 1890)

Born 8 October 1855. Son of John Edward Woodroffe, barrister, and Maria, d. of R. P. Witts. Brother-in-law of F. J. Tuck (q.v.).

Educated Winchester.

Clerk in the Bank of England, Dividend Pay Office, 1877.

Q. Alps 1881, 84, 85, 87, 90.

1890. Made the 1st winter ascent of the *Eiger*, 7/i, and 3rd winter ascent of the *Gross Viescherhorn*, 10/i, with C. W. Mead (xv. 78–9).

Hermann Woolley

(Dec. 1888, C. 1893–6, V.P. 1902–4, P. 1908–10, d.m. 1920)

Born 1846. Son of James Woolley of Manchester.

Partner in the firm of James Woolley, Sons & Co., manufacturing pharmaceutical chemists, Manchester; a Director since its incorporation as a limited company, 1895, and at the time of his death Chairman. For many years Acting-Treasurer and later Treasurer of Manchester University.

F.R.G.S., 1888.

Died unmarried in 74th year, 27 Feb. 1920. (In Memoriam, by C. Hopkinson, W. C. Slingsby, C. E. Montague, S. Spencer, and A. B. W. Kennedy, xxxiii. 260–5, with 2 portraits.)

Q. Alps 1877, 78, 80, 81, 83, 85–8; Romsdalhorn (Norway) 1886; Caucasus 1888.

Member of S.A.C., Bern Section; A.C.C.; S.M.C. (1906); N.T.F.; subscriber to New Zealand A.C. (1893). Original Mem-

ber of the Climbers' Club. Honorary Member of F.R.C.C. One of the original Vice-Presidents of the Rucksack Club, 1903.

1887. Made the 2nd winter ascent of the *Mönch*, 31/i (xiii. 269); *Schreckhorn*, 2nd ascent from the Lauteraar-Sattel, 28/vii (xii. 156 note); *Gross Viescherhorn*, 1st complete ascent by NW. arête, 31/vii (xiv. 156 note, 513).

1888. *Le Plaret*, 2/vii; *Col du Sélé*, 6/vii; *Col de la Temple*, 7/vii; *Col de la Grande Ruine*, 9/vii; *Barre des Écrins*, 41st ascent, 11/vii; *Meije*, 21st ascent, 13/vii; *Brèche de la Meije*, 15/vii (S.T.D. Ann. 1888).

Caucasus: with J. G. Cockin (q.v.) and H. W. Holder (q.v.), Naltshik to Bezingi, 13, 14/viii; Missess Kosh, 15/viii; after an attempt by C. T. Dent's 1886 route, 17/viii, made the 2nd ascent by a new route by the N. ridge, of *Dychtau*, 20/viii (C.A.I. Boll. 1889, p. 256). Made the 1st ascent of *Katuintau* (*Saddle Peak*), 24/viii (C.A.I. Boll. 1889, p. 267). A disabled arm prevented him doing any further climbing. Left for Vladikavkaz with Holder, 4/ix (xiv. 90–3, 177–96).

1889. Caucasus: made the 3rd ascent, by a partly new route, of *Kazbek*, 13/vii (xiv. 445–6); joined C. T. Dent, D. W. Freshfield, C. H. Powell, and C. Jossi (in the Search expedition to ascertain the fate of W. F. Donkin and H. Fox) at Vladikavkaz, 14/vii; crossed the *Mamison* pass, 18/vii; 1st passage of the *Zea* (*Ceja*) pass, to S. Nikolai, 19/vii; *Kamunta* pass, 20/vii; into and out of the Skatskom valley to the Karagom valley, 21, 22/vii; visited Freshfield's 1868 bivouac on the Karagom glacier, 23/vii; to Stir Digor, 24/vii; Shtulusvek pass to Karaul, 25/vii, reconnoitring expedition up the hill N. of Karaul to *c.* 11,500 ft., 27/vii; made the ascent from the S. of the *Ulluauz* pass, discovering the last sleeping place of Donkin and Fox, 29/vii; went down to Balkar with the others, 31/vii, 1/viii; returned alone to Karaul, 2/viii.

Made 1st ascents of the E. peak of *Mishirgitau*, 5/viii; and *Koshtantau* (his *Dychtau*), 9/viii; attempts on *Ailama*, 15/vii, and *Shkara*, 17/viii, and the 1st ascent of *Ailama*, 19/viii; and an ascent of *Elbruz* from the Kiurtiun valley (Freshfield, ii. 170, 240), 30/viii; crossed the range to Betsho, and made 2 attempts on *Ushba*, 8 and 12/ix; returned viâ Kutais and Batum, xiv. 445–51. He wrote notes on Kazbek and the later expeditions, xiv. 445–51, and read papers before the Club on those of 4–19/vi,

xv. 173–91, xviii. 291–301. Another account of the tour up to 1/viii is given by Andreas Fischer in 'Zwei Kaukasus-Expeditionen'.

1893. 1st winter ascent of the *Rimpfischhorn*, 17/i (xxxiv. 137).

Caucasus: arrived at Batum with J. G. Cockin (q.v.), F. W. Newmarch (q.v.), and G. A. Solly (q.v.), 7/vii (the party was guideless); by Latpari pass to Betsho; attempt on S. peak of *Ushba*, 19/vii; new pass from Gul Kosh to Mestia (with Newmarch and Solly), 23/vii (xvi. 524; Freshfield, ii. 247); 1st passage of *Kitlod* (*Tiktengen*) pass (from Zanna glacier to Kitlod glacier), 26/vii (Freshfield, ii. 251); attempt on *Tiktengen* (night out), 28–9/vii (xvi. 525); expeditions from Kalde glacier to the *Adish Gap* and towards *Saddle Peak* (*Katuintau*), 4, 5/viii, and towards *Janga Gap* (night out), 9–10/viii (Freshfield, ii. 256); with Cockin made the *ascent* from the S. of the *Nuamquam* pass, 13/viii (xvi. 480 note, 525), and a 3rd attempt on *Ushba*, xvii. 165–80.

1895. Caucasus: with C. T. Dent (vol. ii) reached Styr Digor from the Ardon valley viâ Kamunta and the Gular Saddle, 30/vii; left a camp on the Shtulisvek pass route, crossed into the valley of the Tana glacier and bivouacked, 1/viii; made the 1st ascent of *Ziteli* (*Tsitgeli*), 2/viii; reached Karaul by *Shtuli svek* pass, 4/viii (xvii. 592, xix. 397). Woolley (without Dent) ascended the Dychsu glacier and reached the Nuamquam ridge, but at a point considerably to the W. of the gap attained from the S. in 1893, 8/viii (xvii. 593).

1896. Caucasus: with J. G. Cockin and H. W. Holder (without guides), Piatigorsk to Uruspieh, 14–16/viii; camped in the Adur-su valley, 17/viii; 1st ascent of *Sarumbashi*, 19/viii; 1st ascent of *Adyr-su Bashi*, 22/viii; attempt on *Jailik Bashi*, reaching *c.* 14,400 ft., 25/viii; 1st ascent of *Gumachi*, 28/viii; attempt on *Bshedukh*, 4/ix (xviii. 255–7, 487–98); with Cockin went up the Shikildi glacier and ascended the highest point on the main ridge between Chatuintau and Bshedukh, 8/ix; crossed the *Dongosorun* pass; made an attempt on *Ullukara* from the Leksur glacier, 20/ix (xviii. 257–8).

1897. Lofoten Islands, with G. Hastings and H. Priestman (1st mountaineering exploration and 1st recorded visit by members of A.C. since 1869; see xxi. 101; Slingsby, p. 415): 1st ascent of *Troldsadel*, 2–3/viii; *Store Troldtind*, 2nd ascent, probably new route, 4–5/viii; 1st ascents of *Isvandtind*, 6–7/viii;

central peak of *Langstrandtind*, 9/viii ; E. peak of *Blaafjeld*, 11/viii ; and *Svartsundtind*, 15/viii (xviii. 540–2, xix. 135–48).

Arctic Norway : with Hastings, 1st exploration of the Lyngenfjord district, and 1st ascent of *Ruksisvaggegaissa*, 29/viii (xix. 65).

1898. Canadian Rockies : with J. N. Collie and H. E. M. Stutfield (without guides) reached the Saskatchewan from Laggen by the Pipestone pass, 31/vii ; 1st ascent of *Mount Athabasca* (with Collie), 18/viii ; explored the great *Columbia Icefield*, making the 1st ascent of the *Dome*, 20, 21/viii ; 1st ascent of *Mt Wilcox* (alone), 23/viii ; 2nd known passage of *Wilcox's* pass (discovered in 1896 by Walter Dwight Wilcox) to the upper basin of the Athabasca, 24/viii ; 1st ascent of the *Diadem* (the most northerly point attained), 26/viii ; on the way back, attempt on *Mount Murchison*, 2/ix ; returned by the Bow pass, making the 1st ascent of *Mt Thompson*, 6/ix. The party discovered the Columbia icefield and explored much entirely new ground (xix. 261–3, 457–64).

1901. Lofotens : with Collie, Hastings, and H. Priestman, 1st (?) ascent of *Higrafstind*, 7/viii ; attempt on *Rulten*, 12/viii ; 1st ascent of *Gjeitalgar*, 14/viii ; and, with Collie and Priestman, attempt on one of the unclimbed peaks of Øst Vaagø, 19/viii (xxi. 47, 92–102).

1902. Canadian Rockies : see Stutfield. He read a paper before the Club on the tour, ' Six Weeks in the Canadian Rocky Mountains ', xxi. 363.

1903. See E. Carr.

1904. Lofotens : 1st ascents of the highest *Langstrandtind*, with J. N. Collie, Joseph Collier, and W. C. Slingsby, 29/vii ; of *Olstind*, 17/viii ; and the 2 lower summits of *Klokketind*, 19/viii, with Collie and Slingsby ; ascended *Hermandalstind* with the same and made the 1st ascent of *Hermanstind*, with Slingsby, 21/viii (xxii. 329–32).

1907. With C. and E. F. Pilkington and E. Carr, without guides, *Düssistock*, 6/vii ; *Pizzo Uccello*, 11/vii (C. Hopkinson joined in these 2 expeditions) ; *Zapperthorn*, 12/vii ; *Piz Buin*, traversed, 19/vii ; *Gross Litzner*, 20/vii ; *Fleckistock*, with Carr, without guides, 27/vii ; with S. Spencer, *Nadelhorn* ; *Fletschhorn* (by SW. rock ridge) ; *Mittaghorn–Egginerhorn* (Rucksack Club J. i. 122).

1908. With C. and E. F. Pilkington and E. Carr, *Gspalten-*

horn, 10/vii ; *Wildhorn*, 24/vii ; *Diablerets*, 25/vii (the 2 latter guideless).

1910. With C. Pilkington and Carr, *Rotwand* (Rosengarten), 6/vii ; N. face of *Öst. Latemar-Gipfel*, 8/vii (C. Hopkinson joined in this expedition) ; *Boëspitze*, 13/vii ; *Sorapis*, 17/vii ; all guideless.

1911. With C. Pilkington (guideless), *Antelao* ; *Piz Popena*, by S. ridge.

An accomplished photographer. Contributed to the Club Exhibitions from 1889 to 1916, principally the views of the Caucasus (of which he had a remarkable collection, probably second only to those of M. de Déchy and V. Sella), also of the Lofotens and Canadian Rockies. His Alpine exhibits were mostly winter scenes. His many winter visits to the Alps were largely devoted to photography. See xviii. 179, xxi. 480, xxiii. 230 and 571. A view of Latsga, in the Caucasus, presented by him, now hangs in the Club rooms (xx. 470).

Wrote In Memoriam notice of C. Pilkington, xxxii. 350–3.

Review of Gottfried Merzbacher's ' Aus den Hochregionen des Kaukazus ', xxi. 54–62.

Presidential Address, xxv. 371.

George Yeld

(Dec. 1877, E. 1896–1920, Jt. E. 1920–6, V.P. 1915–17 Hon. Member 1919)

Born *c.* 1845. Son of George Yeld of Twyford, Herefordshire.

Married, 1st, 1875 Frances Anne, d. of William Hounsfield, of Tinsley ; 2nd, 1877 Emily Elizabeth, d. of Rev. T. Adams.

Educated Hereford Cathedral School and Brasenose College, Oxford (Scholar) ; 2nd Class in Classical Moderations, 1865 ; Newdigate Prize for English Verse (on Virgil reading his ' Aeneid ' to Augustus and Octavia), 1866 ; 3rd Class in Law and History, 1867.

Assistant Master at St. Peter's College, York, 1868.

Vice-President of the Yorkshire Philosophical Society ; President of the York branch of the Historical Association.

Editor of Charles Kingsley's ' Andromeda ' with notes ; a First

Elected 1925 one of the Holders of the Victoria Medal of Honour of the Royal Horticultural Society (xxxvii. 191).

Q. Alpine.

Original Member of the Climbers' Club. Honorary Member of C.A.I., 1902; C.A.F., 1925.

1878. With J. Heelis, *Col de Séa* and new ascent from the Col of the *Ciamarella* (Heelis did not join in this ascent), 5/viii; 1st traveller's passage of the *Col du Grand Méan*, 7/viii; *Albaron*, new ascent from Glacier des Eivettes, 8/viii; 2nd and 1st English ascent of the *Roc du Mulinet*, 10/viii; *Levanna Centrale* traversed 12/viii; *Colle della Piccola*, 13/viii; attempt on *Grand Paradis*, by R. Pendlebury's route (foiled by bad weather), 15/viii; *Col de Cerru* and 1st ascent of *Pointe de la Galise* (*du Bousson*), 17/viii; *Grand Apparei* traversed, partly new descent, 18/viii; *Col de Fos*, 19/viii; *Col de Vaudet*, 20/viii; *Aiguille de la Grande Sassière*, 2nd ascent by SE. arête, 22/viii; *Col du Palet*, 24/viii (ix. 99–102; paper, 'Excursions in the South-Western Graians', ix. 474; book —see below, 1897—chap. i).

1879. Easter. See xxix. 181.

1879. *Pointe de Ceresole*, new ascent from the W., 5/viii; *Punta Ondezana*, 1st English ascent, 7/viii; 1st ascent and traverse of the *Gran Sertz*, 9/viii; *Grand Paradis*, partly new ascent by Passo Frassey, Petit Paradis, and N. arête (Cogne C.G., pp. 103, 109, 112), descent by R. Pendlebury's route; 1st traverse from Cogne to Ceresole (he wrote a paper on this expedition, Levasseur, p. 121), 11/viii (ix. 362–3 and 474–84; see 1881).

1880. Attempt on the *Aiguille du Plan* (x. 452); and see book, pp. 24–5.

1881. With G. P. Baker, 1st recorded passage of the *Coupé de Monei*, 1/viii; 2nd ascent by a new route by E. arête of *Mont Herbetet*, 3/viii; *Grivola*, 1st ascent by W. arête, 6/viii; *Col de Granderoux*, ascending the *Punta di Gay* from the Col, a new route, 9/viii; *Punta Foura*, new route by N. arête, 12/viii; *Levanna Orientale*, by E. arête, 15/viii; 2nd passage (xi. 25 note) of the *Col du Charforon* or *de Monciair*, 18/viii (x. 354–7; paper, 'Scrambles in the Eastern Graians'—the 1st of a series—on expeditions of 1879 and 81, xi. 14; book, chap. ii); *Col de Miage*; *Aiguille du Chardonnet* (book, 'Scrambles', pp. 60, 61).

1882. 1st ascent of *Punta Valletta*, 31/vii ; *Punta* or *Torre di Lavina*, new ascent by SE. arête, 2/viii ; 1st ascents of *Mont Meialot* (his *Punta Lazin*, Cogne C.G., p. 56), 4/viii ; and the *Levannetta*, 7/viii (xi. 114–15).

1883. *Grand Nomenon*, new ascent by E. face, 7/viii ; *Grande Arolla*, by a new route ; 1st passage of *Col de la Muraille Rouge*, *Punta di Forzo*, 2nd ascent, 11/viii (Cogne C.G., pp. 43–4) ; 1st passage *of Fenêtre de Dzasset* and 1st recorded passage of *E. Col du Grand Neiron*, 14/viii (Cogne C.G., p. 116) ; *Monte Rosa dei Banchi* or *Cima de Roise Banque*, 16/viii ; *Tresenta* by a new route from SW., and 1st recorded passage of *Bocchetta di Goj*, 19/viii (xi. 358–62 ; paper ' Scrambles ', No. II, xii. 77, on expeditions of 1882 and 83 ; book, chap. iii).

1884. 1st ascent of the *Klein Bietschhorn* or *Klein Nesthorn*, 9/viii (xviii. 46) ; 2nd recorded ascent of the *Breitlanihorn*, 11/viii ; *Ijolli-lücke*, 1st ascent of the *Jägihorn*, *Wilerhorn* traversed, new descent, 14/viii ; 1st ascent of E. summit of the *Lonzahörner*, 16/viii (xii. 123, xxvi. 357).

1885. N. peak and 1st ascent of S. (highest) peak of *Punta Budden*, 5/viii (xii. 418) ; with W. A. B. Coolidge, *Col Monei* with a variation, 8/viii ; *Tour du Grand St Pierre*, 9/viii ; *Tête de Monei* (2nd ascent, xiii. 489), 10/viii ; 1st ascent of the *Tête de la Tribulation*, *Col de Grandcrou*, 11/viii ; 1st ascent of the *Grivoletta* (unaccompanied by Coolidge), 14/viii ; *Monveso di Forso*, 2nd ascent, and 1st complete passage of *Colle di Forzo* (*Col Forches*), 16/viii ; *Becca di Montandayné*, 2nd ascent, by a new route, *Fenêtre de Dzasset*, 19/viii ; *Grand Paradis* and (unaccompanied by Coolidge) 2nd ascent of *Becca di Moncorvé*, 21/viii (xii. 415–19 ; he read a paper before the Club on these expeditions, ' Scrambles ', No. III, xii. 510 ; book, chap. iv).

1888. With W. A. B. Coolidge, *Punta Nera*, 1st traveller's ascent, 8/viii ; *Grand Paradis*, new descent by the ' Col de l'Abeille ' and 1st ascent of the *Cresta Gastaldi*, 12/viii ; 1st ascents of *Becca di Noaschetta* and *Tête de Valnontey* ; 1st passages of *Col de Valnontey* ; 1st complete passage of *Col de la Lune*, 13/viii ; *Becca di Monciair* and *Col du Charforon*, 15/viii (xiv. 146–9 ; Ö.A.Z. 1889, p. 65 ; he read a paper before the Club on these expeditions, 'Scrambles', No. IV, xiv. 281 ; book, chap. v).

1890. Daghestan, Eastern Caucasus : with G. P. Baker (q.v.),

Tiflis to Evlak (Jewlak) by rail, 9/viii ; drove to Nucha, 10/viii ; crossed the main chain by the Salavak pass, 13/viii ; reached Kurush by a route not previously followed by travellers, 17/viii ; ascended *Shalbruz*, 18/viii ; ascended *Kishen Dagh*, a northern spur of Basardjusi, and crossed the main chain to the E. of Basardjusi (of which an almost complete circuit was made), 20/viii ; made (from the S.) the 1st ascent of the highest peak of *Basardjusi* (14,620 ft.), 22/viii, and descended direct (southward) to Kutkashin, returning thence viâ Mucha to Tiflis (xv. 320, itinerary and notes by Baker ; Yeld read a paper before the Club on the tour, 'Daghestan and the Ascent of Basardjusi', xvi. 483).

1892. 1st ascent of the *Tour de St. Ours*, with E. T. Compton (q.v.), 5/viii ; 1st ascent of the *Bec de la Patience*, 6/viii ; with Compton to Pont Cavanese, 7/viii ; and to Cogne by *Col Bardoney*, 8/viii ; *Grivoletta*, by a new route, 11/viii (xvi. 317–18 ; xxxiv. 142–3).

1893. Published jointly with W. A. B. Coolidge the 'Climbers' Guide to Mountains of Cogne'. 1st ascent and passage of *Cresta* and *Col Paganini*, 19/viii ; 1st ascent of *Punta del Tuf* (now *Cima di Leviona*, xxv. 712–13), 21/viii ; *Col Teleccio*, 23/viii ; 1st ascent of the peak of *Les Jumeaux de la Roccia Viva*, 24/viii ; *Col de Monei*, with a variation, 25/viii ; *Punta Crevasse*, 2nd ascent, partly new route, 27/viii (xvi. 507–9 ; 'Scrambles', No. V, xvii. 180, on expeditions of 1892 and 93 ; book, chap. vi).

1894. Attempt on peak No. 5 of the *Fusshörner*, 11/viii (xvii. 360, xviii. 156, xix. 316–17 ; Bernese C.G.J. ii. 207) ; viâ Théodule pass to Aosta and Cogne, 12–17/viii ; *Tour du Grand St Pierre*, new ascent by W. ridge, 19/viii ; 1st ascent of W. (highest) peak of *Jumeaux de la Roccia Viva*, 21/viii (xvii. 250–1) ; to Locana, 22/viii ; to Cogne by Col d'Arietta ; *Pointe du Pousset* ('Scrambles', No. VI, xviii. 156 ; book, chap. vii).

1896. 1st passage of the *Col de Pila*, 10/viii ; 1st ascent of N. summit of *Pointe des Papillons* (his *Pointe de Piolet* ; see Kurz, 2nd ed., p. 116) ; 1st ascent of the *Aiguille de Tronchey*, 19/viii (xviii. 245 ; he read a paper before the Club on these expeditions, 'The Aiguille de Tronchey', xviii. 442 ; book, chap. viii).

1897. 1st recorded ascent of *Costa Parassues*, 9/viii ; 1st ascent of *Becca del Deir Verd*, 10/viii ; *Becca di Monciair*, by a new route (?), 11/viii ; 1st ascent of *Tour d'Arpisson* (xviii.

524–6, and paper, 'The Tour d'Arpisson', xviii. 517; book, chap. ix).

Published the papers above mentioned with additions under the title, 'Scrambles in the Eastern Graians, 1878–1897' (1900; reviewed, xx. 227).

1898. *Lötschtaler Breithorn* traversed, partly new ascent (xix. 248, xxxvi. 361; Bernese C.G.I. ii. 106–7), 14/viii; 1st ascent of Peak No. 5 of the *Fusshörner*, 17/viii (xix. 249; paper, 'The Fusshörner', xix. 316); 1st ascent of the *Clocher du Lac des Cugnoz*, 30/viii (xix. 244; he described the expedition in a paper on 'The Lac de Champex', xix. 544).

1899. 1st passage of the *Dreieckjoch*, 18/viii (xix. 598; paper, xx. 321); *Punta di Cian*, 1st recorded English ascent, 7/ix (xix. 621).

1901. Spent some days on the Col du Géant with T. Anderson: 1st recorded ascent of *La Vierge*, 14/viii (xx. 547); 1st ascents of *La Noire*, 18/viii, and the highest point of *Les Rouges*, 20/viii (xx. 538–9; he read a paper before the Club on these expeditions, xxi. 115; cf. C.A.I. Boll. xxxv. 267); then visited the Coupe de Jouzac (Cevennes), xx. 501–7. See xxxvi. 359.

1902. *Col du Drine*, 10/viii; 1st passage of the *Colle Fiorito*, 13/viii (xxi. 261; paper, xxi. 237); 1st ascent of the *Trident de la Brenva*, 21/viii (xxi. 263; paper, xxii. 304).

1903. 1st recorded ascent of the E. peak of the *Plattenhörner*, 14/viii (xxi. 562; paper, xxi. 532); *Col de Collon*, 24/viii, to *Col Budden* and back by ridge between Za de Zan and Bellaza glaciers, 27/viii; *Tour de Créton*, by a partly new route; *Château des Dames*, 29/viii (xxi. 556; paper, 'Six Days in the Valpelline', xxiv. 413); at C.A.I. Congress at Aosta, 1/ix (R.M. 1903, p. 397); *Col de Breney* and *Pigne d'Arolla*, 3/ix.

1904. Visited the Lipari Islands with T. Anderson, 15–25/iv; ascended *Stromboli*, 20/iv, and again 21 or 22/iv; *Vulcano* and *Vulcanello*, 24/iv (paper, 'In the Lipari Islands', xxii. 450, and see p. 448).

1905. 1st ascent of the *Beichgrat* (points 3,254 m. and 3,252 m.), 31/viii (xxii. 619; paper, xxiii. 38; see xxxvi. 360).

1907. Skye with T. Anderson, 22/viii–14/ix: ascents of *Sgurr na h-Uamha*; *Druim nan Ramh*, with G. T. Glover; *Sgurr nan Gillean*, with Anderson; *Sg. Sgumain*, with Anderson and others (paper, 'The Cuillin Hills', xxiii. 611–16).

1908. *Grivoletta*; and completed the passage of *Col de la Grivoletta* (the ascent of N. side was made 11/viii/1892), 7/ix (xxiv. 351).

Visited Mt. Etna with T. Anderson and T. G. Bonney (see Anderson, 'Volcanic Studies', 2nd series).

1909. 1st ascent of *Punta Vachères*, 10/viii; (*Punta del Tuf* or) *Cima di Leviona* (xxv. 712–13), 2nd recorded ascent by a variation of his 1893 route; new descent, 12/viii; *Col de Grand Paradis*, *Becca di Noaschetta*, *Tête de Grandcrou*, 1st ascent and traverse, ascent by NW. arête, descent by E. arête, 14/viii; *Col des Eaux Rouges*, 16/viii; 1st descent of the *Tour de Grauson*, 18/viii (xxiv. 675; papers, xxvi. 143 and R.M. 1910, p. 279).

1910. *Monte Ruje*, and 1st recorded ascent of *Monte Favret*, 6/viii; *Punta Rom* or *del Trajo* by a new route, with G. P. Baker, and 1st traverse of its E. ridge, including *Punta Lavincusse*, 8/viii; 1st passage of the *Col di Leviona* and 3rd recorded ascent of (*Punta del Tuf* or) *Cima di Leviona*, with E. A. Aldridge and G. W. Lloyd, 12/viii (xxv. 713–14); 1st ascent of N. peak and new ascent of S. peak of the *Patri*, with Baker, 14/viii (xxv. 355–7 and see 1911).

1911. 1st ascents of (new) *Punta del Tuf* (11,129 ft.) and *Cresta del Tuf*, traverse of *Punta Inferno*, 12/viii (xxv. 714–17; *Tour St André* by a new route and, practically, a new pass from the Valeille to the Valnontey, 14/viii (xxv. 734–5; Record of Expeditions). Paper 'The Peaks and Passes between the Grand Sertz and the Colle di Lauzon', xxv. 712, with particulars of ascents, &c., and a full account of the expedition of 12/viii, and another paper, 'Some New Climbs at Cogne', xxvii. 167, on those of 8 and 14/viii/1910, and 14/viii/1911.

1912. *Punta Fenilia*, from Valnontey, 10/viii; *Punta Nera* (Eaux Rouges valley), 2nd recorded ascent, 12/viii; *Piccola Uja di Ciardonney*, 1st ascent (?), 14/viii (xxvii. 14); *Punta Valletta*, N. peak, 1st ascent (?), 16/viii; (new) *Punta del Tuf*, with variations on 1911 route, 18/viii (xxvi. 458–60); *Mont de l'Aigle* (or *Punta dell'Aiguille*, 19/viii (paper, 'Some New Climbs at Cogne', xxvii. 315; Record of Expeditions).

1913. *Pointe du Posset*, new ascent, 11/viii; *Becca Dentavu*, 1st ascent (?), 15/viii; *S. Col de Sengies*, *Colle delle Uje* (*di Ciardonney*), *Punta di Val Soera* and 1st passage of *Colle dei Ronchi*, 17/viii (xxvii, 434–5; paper on the two former expeditions,

xxviii. 182 ; on the last, xxxi. 189–97 ; see Record of Expeditions).

1914 and 15. Papers, ' Beddgelert in September ', xxiv. 179–83, xxx. 60–5.

1916. N. Wales : *Foel Grach, Carnedd Llewelyn, Carnedd Dafydd*, 29/viii.

1917. N. Wales : *Moel Hebog, Moel Ogof, Moel Lefain, Trum-y-Ddysgl, Y Garn*, 2/ix ; *Glyder Four*, 3/ix ; *Mynydd Mawr, Crai-y-beri*, 5/ix ; *Snowdon*, 7/ix ; *Cynicht*, 8/ix (paper, ' Walks in Snowdonia ', xxxii. 83–9).

1921. See Record of Expeditions.

Contributed chap. iv, on ' Alpine Flowers ', to W. A. B. Coolidge's ' The Alps in Nature and History ' (1908).

' Memories of the Baltschiederthal ', xxxvi. 357.

In Memoriam, E. T. Compton, xxxiv. 142.

Letter from the Hon. Secretary conveying a resolution passed by the Committee in appreciation of his 30 years' services as Editor and Joint Editor of A.J., xxxviii. 1.

THE ALPINE CLUB REGISTER

By A. L. MUMM

VOLUME I, 1857–1863, viii + 391 pages (published in 1923).

VOLUME II, 1864–1876, viii + 375 pages (published in 1925).

VOLUME III, 1877–1890, viii + 349 pages (published in 1928).

Price 21*s.* net per volume.

Extracts from the Preface to Volume I to indicate the scope of the work.

'It has long been recognized that some sort of Register of Members of the Alpine Club was a *desideratum*. The present attempt to supply the need was begun about twenty years ago, in the innocent expectation that it would be completed in time for the Jubilee of 1907. Long before that date it had become clear that this was impossible; it was also obvious that, if new members were included without limit, it would never be completed at all. Accordingly I closed the list in December 1907, and have confined myself to members elected during the first fifty years of the Club's existence, 1,234 in all, without reckoning the 33 Honorary Members. Gradually the thing became a hobby—a most engaging and absorbing one—and the material grew on my hands until I realized with some consternation that if it was to be presented in its entirety and in readable type it would amount to several substantial volumes. I therefore decided, about a year ago, to start with an instalment, comprising the 281 members who joined the Club up to the end of 1863.

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'Nothing need be said of the biographical notices except that I am quite aware that in a few instances I let myself become

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unduly interested in their subjects, and made them longer than a strict regard for proportion would justify. In the mountaineering records the point to which I attach most importance is the addition of a precise date, whenever obtainable, to every expedition mentioned. This, I believe, will add greatly to the utility of the book as a work of reference, besides making the proceedings of the traveller more intelligible and easier to follow as a whole. I have done my best to make the references to original authorities complete, and in the case of many expeditions have added references to other mentions of them which either help to place them in their historical setting or seem for various reasons to add something of interest. I have added in each case the names of other members of the party when these were also members of the Club; as a rule the names of non-members and of guides are omitted. In all these respects, and in the matter of arrangement generally, I started without any definite plan; the method adopted forced itself upon me as I went along.'

Mr. Mumm had intended to include the careers of the early Honorary Members, and to write a general historical Introduction, but in the Preface to Volume II he explained that he had still failed to make a start with them, and he did not live to see the publication of Volume III. At the end of Volume II will be found a series of Addenda and Corrigenda which he had discovered in Volume I.